

 航太 Aviation
  軍規 Mil Spec
  汽車 Automobile
  能源 Energy
  船舶 Boats
  軌道 Rails
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# APEX CONNECTORS

Innovative Research  
 Diversified Development  
 Technical Production  
 Quality Service



PLT Trademark Quality Assurance

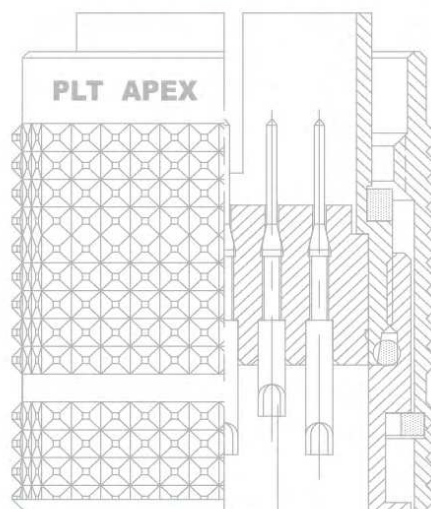


Apex connector  
專業製造廠

**錫鋼精密科技**

APEX PRECISION TECHNOLOGY

Since 1978



**防水防爆 / 電子電機工業連接器**

**Waterproof and Explosion-proof**  
Electronic & Electrical Industrial Connectors

## APEX Enterprise and Nature Coexistence

Coexistence of human and nature is the highest enterprise principle to APEX.  
All APEX's staff and operation must be based on the premise of preserving natural environment and protecting the earth.

- Manufacturing the low-pollution products
- Manufacturing without polluting the environment
- Recycle and reuse
- Contribution to protecting the earth
- Development of environmental protection

1.The product information in this catalog is for reference only.

Please request the engineering drawing for the most current and accurate design information.

2.In order to make Improvements In the products,we reserve the right to make changes, updates and corrections to the information provided in this catalog at any time.

Subject to change without notice. Thank you for your understanding.



### APEX 企業與自然共存

APEX 應該視(人類和地球自然環境共存)為企業最高指導的原則，  
所有的APEX職員和企業的全部運作，都要以維護自然環境、保護地球為前提。

- 製造低污染的產品
- 製造處理不汙染環境
- 所有的廢棄物回收再利用
- 為保護地球環境，貢獻一份心力
- 持續環境保護發展的工作

1.本目錄記載數據僅供參考，詳細內容請參考式樣書或圖面。

2.本目錄記載內容為了改進產品如有變更，恕不另行通知敬請見諒。

### APEX企業は自然と共存します

APEXはずっとく人類と地球の共存する環境を企業最高指導の原則とし、  
全てのAPEX社員及び企業の活動は全て地球環境の保護、維持を前提としております。

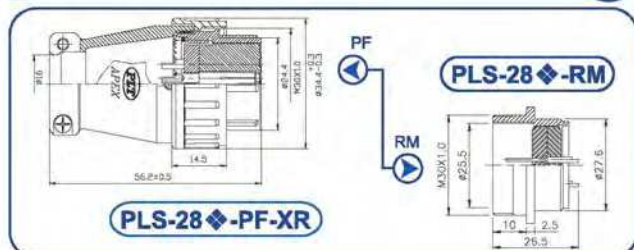
- 汚染の少ない製品作り
- 製造プロセスでは環境汚染を下げる
- すべての廃棄物は回収または再利用する
- 地球環境保護のため、気力を持って貢献する
- 環境保護発展の仕事を継続する

1.本カタログ記載の数値につきましては、参考数値です。詳しい内容につきましては、仕様書、図面を参考して下さい。

2.本カタログ記載内容は、製品向上のため予告なく変更する事がありますのでご了承下さい。

## Assembly Instructions (PLT-25/30) 組裝步驟說明 1-1

## Assembly Method (PLS-28) 組合方法



## PLT Series Circular Connectors / 圓型連接器 2-1

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| Overview / 產品圖 | Series / 系列名稱                                                                                                                       | Page / 頁數 |
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● 備註：另有鎖側螺絲選項 Optional accessory: side screws

● 以上機種可設計防水型 Above models could be altered to waterproof types



## APEX CONNECTOR



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● 備註：另有鎖側螺絲選項 Optional accessory: side screws

● 以上機種可設計防水型 Above models could be altered to waterproof types



APEX CONNECTOR 錫鋼



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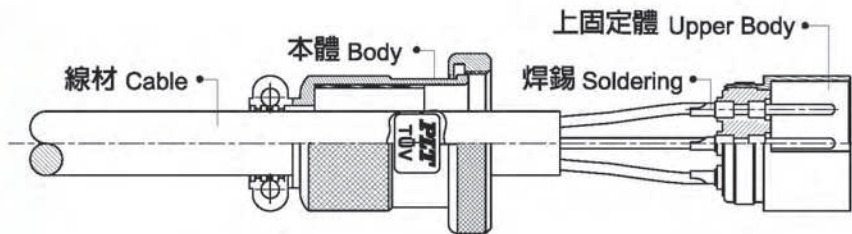
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| Overview / 產品圖                                                                               | Series / 系列名稱                                                                 | Page / 頁數                                 |
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|            | 防塵蓋(鋅) Dust Cap(Zinc)<br>PLT-25C-RCa-R<br>PLT-30C-RCa-R                       | 2-16、2-17<br>2-19、2-20<br>2-21、4-5<br>6-1 |
|            | 防塵蓋(塑膠)<br>Dust Cap(Plastic)<br>A-590PX<br>A-591PX<br>PAT                     | 2-16、2-17<br>2-19、2-20<br>2-21、4-5<br>6-1 |
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| <br>IP67 | 防塵蓋(塑膠)<br>Dust Cap(Plastic)<br>WPM-19◆-RCa-R<br>WPM-20◆-RCa-R                | 5-5、5-6<br>5-7、5-8                        |



線材穿過本體 Cable goes through the body



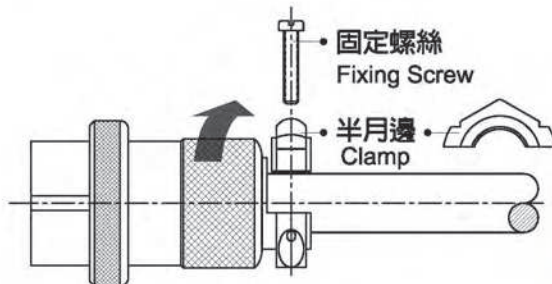
使用夾具將接頭夾持住，線材裸線與上固定體的接觸體缺口進行焊線加工  
Using the clamp to fix the connector, doing soldering assembly between the bar wire and upper body.



本體與上固定體對鎖，將螺紋順時針方向鎖緊(需轉動本體鎖入，非轉動接頭)  
The body and upper one are locked together. Screw clockwise and be sure to only rotate the body itself instead of the whole connector.



半月邊壓入(與線材不能留有間隙)  
Crescent-shaped clamp mounted ( The gap couldn't be allowed with the cable connected )



固定螺絲(圓頭十字 x 2支)鎖緊  
With 2 screws ( Round head ) screwed tight



完成 Finish



### ⚠ 特別注意：拔出步驟說明 Pull-out instruction ⚠

插頭與插座要分開時，請將①固定帽依照③的方向旋開(如右圖)，再將②本體依左圖箭頭方向拉出，使插頭與插座分離。

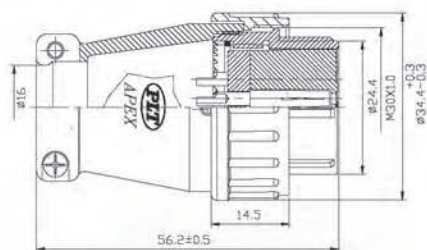
While separating plug and receptacle, please have no. ① cup to rotate according to the direction as no. ③ specified. Then pull no. ② body to remove the plug and receptacle.



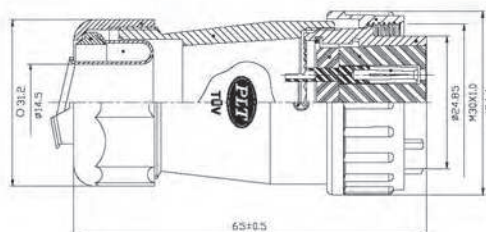
(注意! ①固定帽未旋開，勿轉動②本體，①固定帽鬆開後方可拉出。切記! 請勿直接旋開②本體，避免線材因扭轉導致斷裂)  
Notice !! Don't screw off the body itself, in case the cable would be broken while twisting

## Instruction

## Plug Female Contact

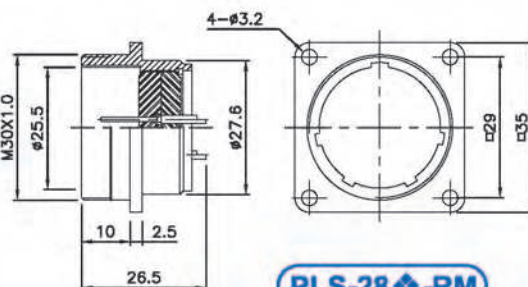


PLS-28◆-PF X-R

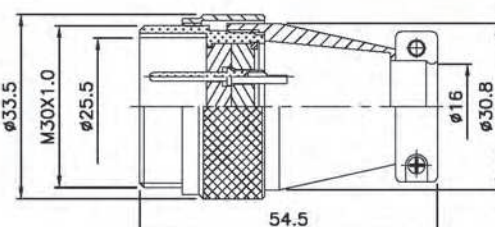


PLS-28◆-GPF X-R

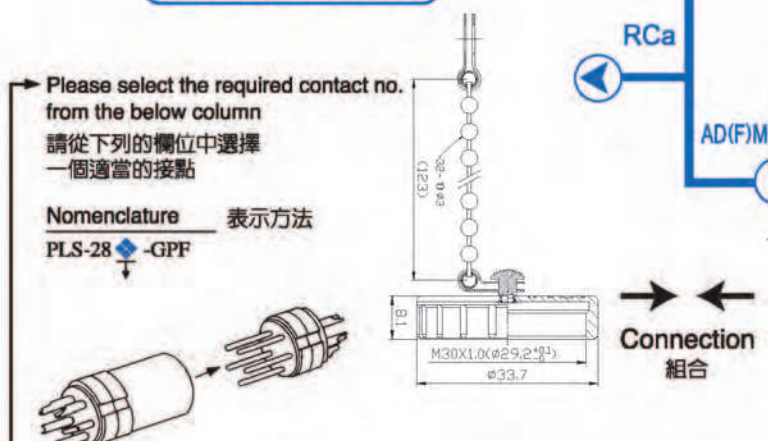
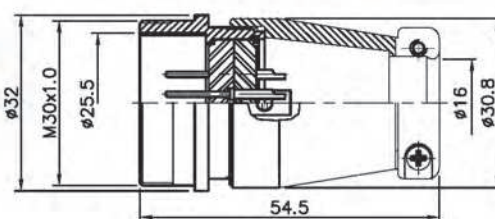
## Socket Male Contact



PLS-28◆-RM



PLS-28◆-ADM



⚠ WARNING : Electric Shock Hazard, Do Not Hot Plugging.

⚠ 警告：為避免觸電，通電狀態下禁止插拔電源線連接器。

⚠ 警告：感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。

(TUV Approved)

UL : (UL Approved)

| ◆ No. of contacts 接點數目                          | 12       | 16      | 17      | 20      | 26      |
|-------------------------------------------------|----------|---------|---------|---------|---------|
| Contacts Configuration 接點方位                     |          |         |         |         |         |
| Rated current / voltage 額定電流 / 電壓               | 10A 250V | 5A 250V | 5A 250V | 5A 250V | 5A 250V |
| Operating voltage limit (AC.V.rms) 操作電壓限制       | 250      | 250     | 250     | 250     | 250     |
| Withstanding voltage (AC.V.rms) 1 minute 耐電壓1分鐘 | 1000     | 1000    | 1000    | 1000    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V 絕緣阻抗 | 1000     | 1000    | 1000    | 1000    | 1000    |
| Contact resistance (mΩ MAX.) at DC 1A 接觸阻抗      | 5        | 5       | 5       | 3       | 3       |
| Solder internal diameter 焊孔內徑                   | 1.6      | 1.6     | 1.6     | 1.2     | 1.2     |



PLT-8 Series



PLT-9 Series



PLT-10 Series



PLT-11 Series



PLT-14 Series



PLT-15 Series



PLT-15.5 Series



PLT-16 Series



PLT-16A Series



Engineering Plastic 工程塑膠

PLT-17 Series



PLT-18 Series



PLT-19 Series



PLT-25 Series



PAT

PLT-25A Series



PLT-30 Series



Screw-Lockup-Contact Model  
螺絲鎖附型

PLT-303 Series



PLT-31 Series



PLT-32 Series



PLT-40 Series



PLT-50 Series



WGP

防水電氣尼龍配管  
Waterproof Corrugated Nylon Tube



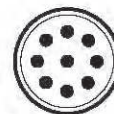
GP

防水防爆電氣配管  
Waterproof Explosionproof Tube  
with Steel Wire Braiding



CG

耐扭試電纜固定頭  
Flex Protecting Cable Glands



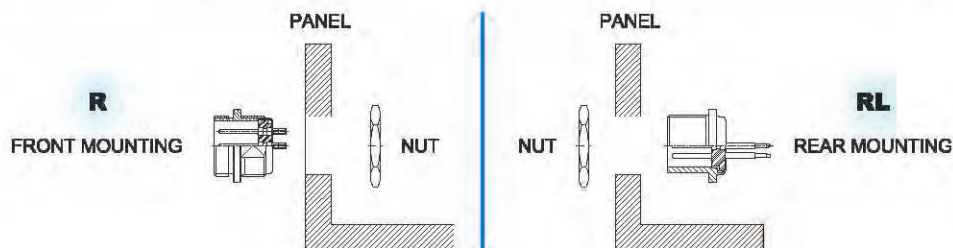
## ORDERING INFORMATION

### PLT-162-P-R

- RoHS 2.0 COMPLIANT 歐盟環保指令
- CONNECTOR TYPE 連接器類型 (Reference 參考 ● 圖一)
- NO. OF CONTACTS (2-37) 導梢數量
- SHELL SIZE (8,9,11,15,16,17,18,19,25,3,32,40,50) 外殼尺寸
- NAME OF SERIES 系列名稱

● 圖一

|            |                                |          |           |                   |      |
|------------|--------------------------------|----------|-----------|-------------------|------|
| <b>PM</b>  | Plug Male                      | 插頭導針     | <b>RM</b> | Receptacle Male   | 插座導針 |
| <b>PF</b>  | Plug Female                    | 插頭導梢     | <b>RF</b> | Receptacle Female | 插座導梢 |
| <b>P</b>   | Plug                           | 插 頭      | <b>AD</b> | Adapter           | 中 繼  |
| <b>R</b>   | Receptacle<br>(Front mounting) | 插座 (前裝式) | <b>Ca</b> | Cap               | 保護蓋  |
| <b>RL</b>  | Receptacle<br>(Rear mounting)  | 插座 (後裝式) | <b>RT</b> | Rubber tube       | 橡膠管  |
| <b>WGP</b> | Nylon type                     | 尼龍管式     | <b>GP</b> | Conduit type      | 軟管式  |
| <b>LP</b>  | L Shape                        | L型90°    | <b>CG</b> | Cable glands      | 迫緊頭  |



## MATERIAL & FINISH

Kindly refer to the below column for material & finish when ordering

| Description     | Material                                                                                                                                                          | Finish                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shell / 外殼、本體   | <ul style="list-style-type: none"> <li>• Stainless Steel / 不鏽鋼</li> <li>• Zinc alloy Die Casting / 鋅合金壓鑄</li> <li>• Aluminum alloy Die Casting / 鋁合金壓鑄</li> </ul> | <ul style="list-style-type: none"> <li>• Chrome-plated / 鍍鉻</li> <li>• Gold-plated / 鍍金</li> <li>• Nickel-plated / 鍍鎳</li> <li>• Silver-plated / 鍍銀</li> </ul> |
| Insulator / 絕緣體 | <ul style="list-style-type: none"> <li>• Bakelite / 電木</li> <li>• Delrin / 塑膠</li> <li>• Teflon / 鐵氟龍</li> </ul>                                                  |                                                                                                                                                                |
| Contact / 接點    | <ul style="list-style-type: none"> <li>• Copper / 銅</li> <li>• Phosphor Copper / 磷青銅</li> <li>• Beryllium Copper / 鈹銅</li> </ul>                                  | <ul style="list-style-type: none"> <li>• Gold-plated / 鍍金</li> <li>• Nickel-plated / 鍍鎳</li> <li>• Silver-plated / 鍍銀</li> </ul>                               |

**⚠ WARNING :** Electric Shock Hazard, Do Not Hot Plugging.

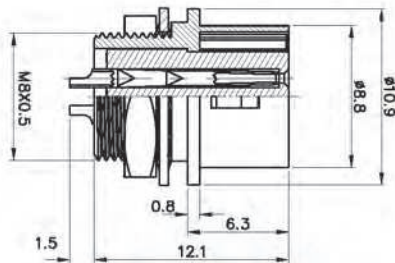
**⚠ 警告：** 為避免觸電，通電狀態下禁止插拔電源線連接器。

**⚠ 警告：** 感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。



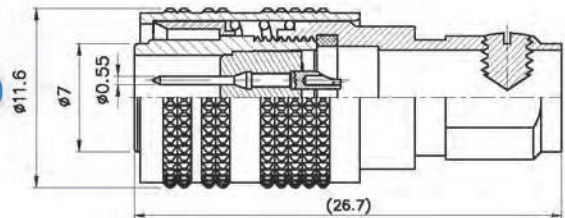
## PLT-8 Series

## Socket Female Contact



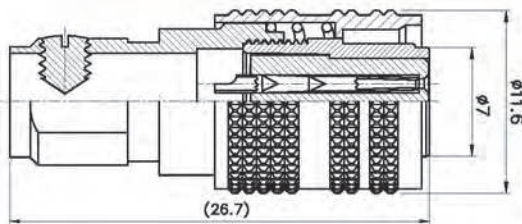
PLT-8◆-RF-R

## Plug Male Contact



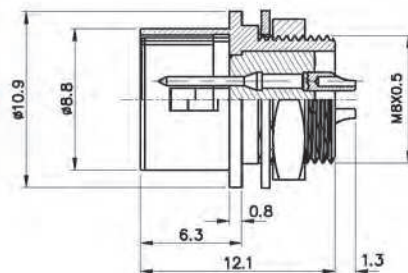
PLT-8◆-PM-R

## Plug Female Contact



PLT-8◆-PF-R

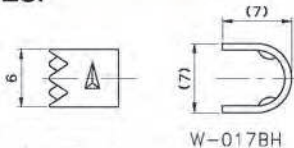
## Socket Male Contact



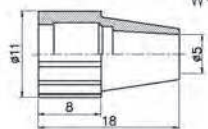
PLT-8◆-RM-R

## ACCESSORIES:

Cable Clamp



Rubber Pipe



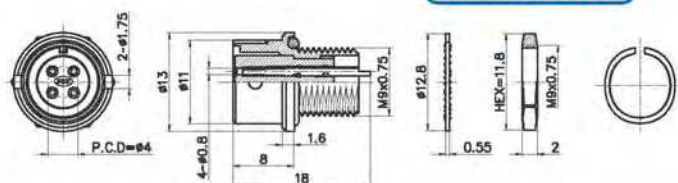
W-017BH

| ◆ No. of contacts                          | 4       | 5       | 6       |  |  |  |  |  |
|--------------------------------------------|---------|---------|---------|--|--|--|--|--|
| Contacts Configuration                     |         |         |         |  |  |  |  |  |
| Rated current / voltage                    | 2A 125V | 2A 125V | 2A 125V |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 125     | 125     | 125     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 500     | 500     | 500     |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    | 1000    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10      | 10      | 10      |  |  |  |  |  |

## Socket Female Contact



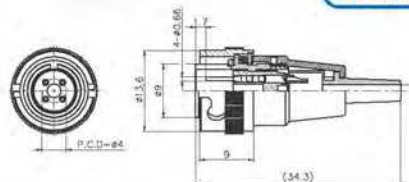
WPM-94-RF-R



## Plug Male Contact



WPM-94-PM-R



|                                            |                    |  |  |  |  |  |  |  |
|--------------------------------------------|--------------------|--|--|--|--|--|--|--|
| No. of contacts                            | 4                  |  |  |  |  |  |  |  |
| Contacts Configuration                     |                    |  |  |  |  |  |  |  |
| Rated current / voltage                    | 1A 300V            |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | AC 100V<br>DC 140V |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 300                |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 200                |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10                 |  |  |  |  |  |  |  |

## Plug Male Contact

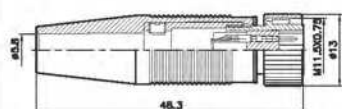
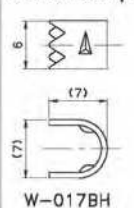


## Socket Female Contact

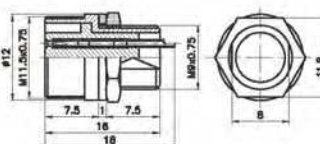
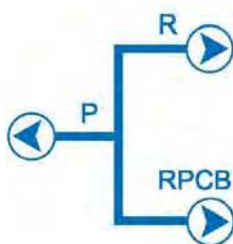


Note:

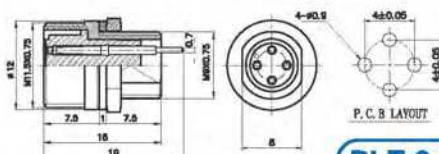
Cable Clamp



PLT-9-P-R



PLT-9-R-R



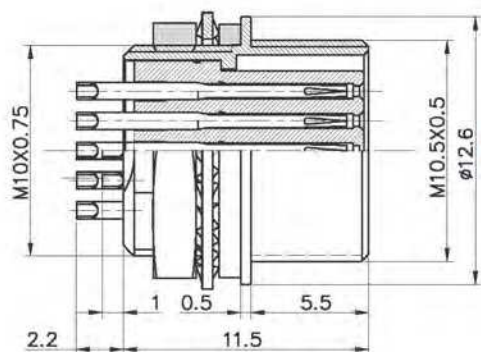
PLT-9-RPCB

|                                            |         |         |         |  |  |  |  |  |
|--------------------------------------------|---------|---------|---------|--|--|--|--|--|
| No. of contacts                            | 4       | 6       | 7       |  |  |  |  |  |
| Contacts Configuration                     |         |         |         |  |  |  |  |  |
| Rated current / voltage                    | 1A 300V | 1A 300V | 1A 300V |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 300     | 300     | 300     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 200     | 200     | 200     |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 10      | 10      | 10      |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 0.7     | 0.7     | 0.7     |  |  |  |  |  |

10

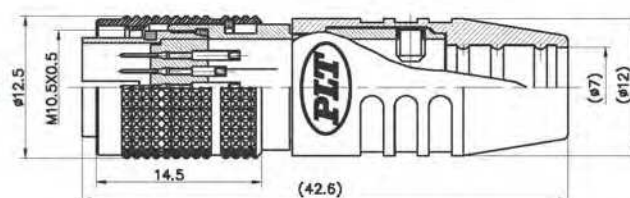
PLT-10 Series

## Socket Female Contact



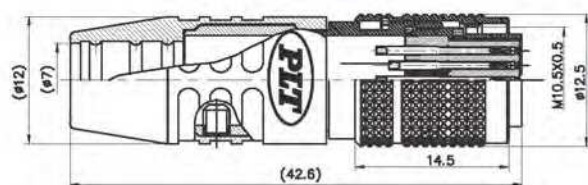
PLT-10◆-RF-R

## Plug Male Contact



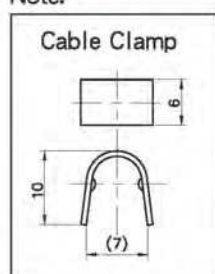
PLT-10◆-PM-R

## Plug Female Contact

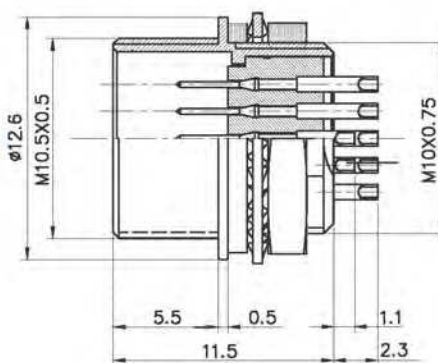


PLT-10◆-PF-R

Note:



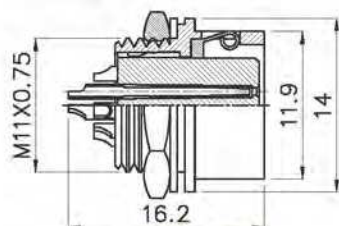
## Socket Male Contact



PLT-10◆-RM-R

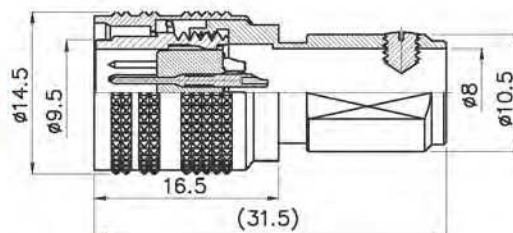
|                                            |        |  |  |  |  |  |  |  |  |
|--------------------------------------------|--------|--|--|--|--|--|--|--|--|
| ◆ No. of contacts                          | 16     |  |  |  |  |  |  |  |  |
| Contacts Configuration                     |        |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 1A 30V |  |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 42V    |  |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 100    |  |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000   |  |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 30     |  |  |  |  |  |  |  |  |

## Plug Female Contact



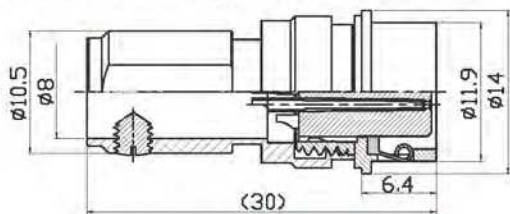
PLT-11-RF-R

## Plug Male Contact



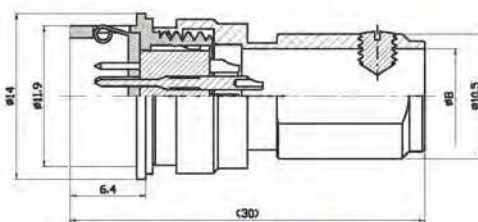
PLT-11-PM-R

## Adapter Female Contact



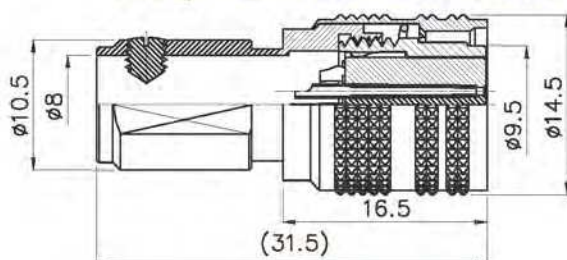
PLT-11-ADF-R

## Adapter Male Contact



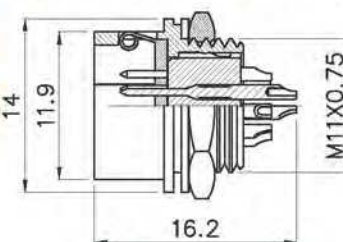
PLT-11-ADM-R

## Plug Female Contact



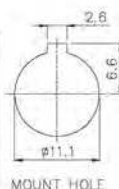
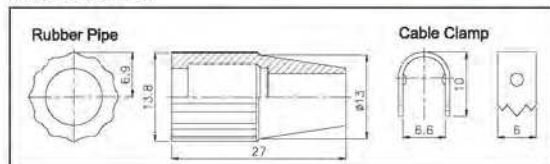
PLT-11-PF-R

## Socket Male Contact



PLT-11-RM-R

## ACCESSORIES:



MOUNT HOLE

| No. of contacts                            | 10      | 12      | 16     |  |  |  |  |
|--------------------------------------------|---------|---------|--------|--|--|--|--|
| Contacts Configuration                     |         |         |        |  |  |  |  |
| Rated current / voltage                    | 2A 125V | 2A 125V | 1A 30V |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 125     | 125     | 125    |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 125     | 125     | 100    |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 200     | 200     | 1000   |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 30      | 30      | 30     |  |  |  |  |

14

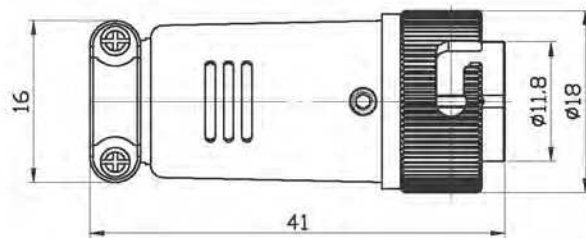
PLT-14 Series

## Plug Male Contact

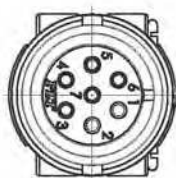
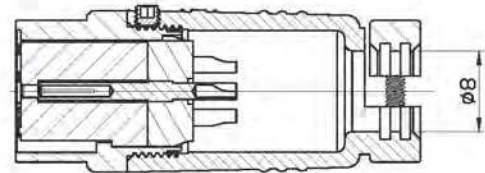
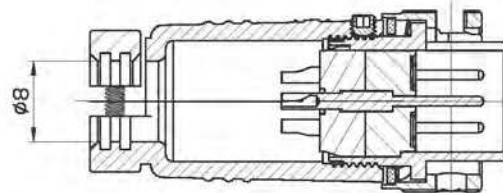
## Adapter Female Contact

2

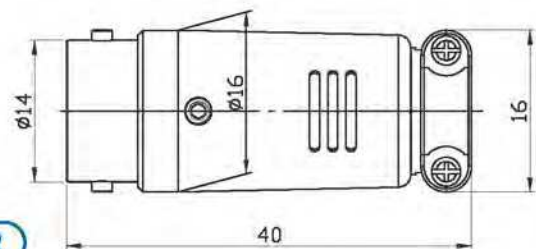
PLT SERIES



PLT-14 ◆ -PM-R

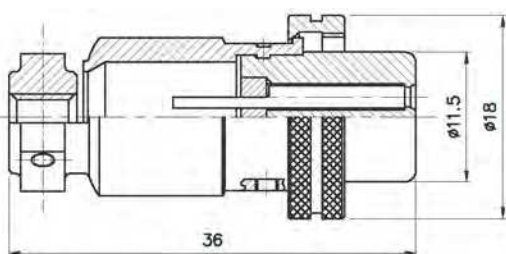


PLT-14 ◆ -ADF-R



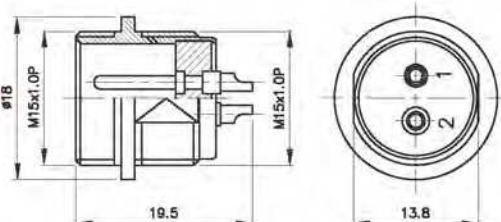
| ◆ No. of contacts                          | 3       | 4       | 7       |  |  |  |  |  |
|--------------------------------------------|---------|---------|---------|--|--|--|--|--|
| Contacts Configuration                     |         |         |         |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V | 5A 125V | 5A 125V |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 300     | 300     | 300     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500    | 1500    | 1000    |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    | 1000    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 4       | 4       | 4       |  |  |  |  |  |

## Plug Female Contact

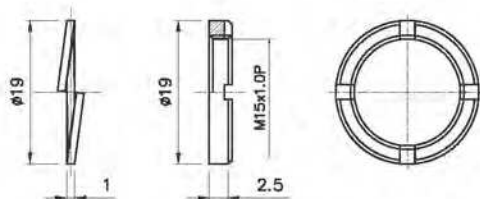


PLT-15◆-P-R

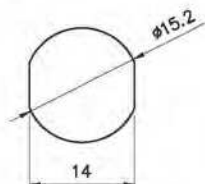
## Socket Male Contact



PLT-15◆-R-R

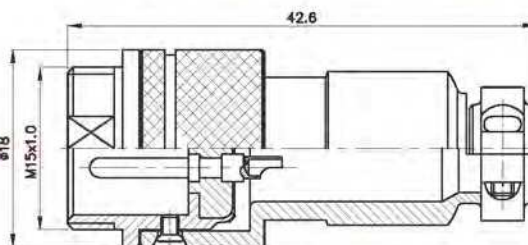


ACCESSORIES



MOUNTING HOLES

## Adapter Male Contact



PLT-15◆-AD-R

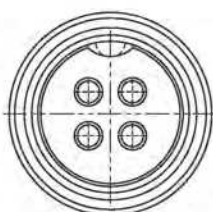
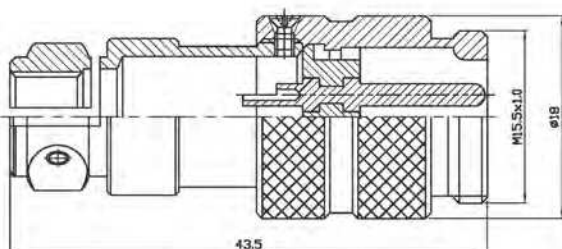
| ◆ No. of contacts                          | 2                                                                                   | 3                                                                                   | 4                                                                                   |  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V                                                                             | 5A 125V                                                                             | 5A 125V                                                                             |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200                                                                                 | 200                                                                                 | 200                                                                                 |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000                                                                                | 1000                                                                                | 1000                                                                                |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100                                                                                 | 100                                                                                 | 100                                                                                 |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10                                                                                  | 10                                                                                  | 10                                                                                  |  |  |  |  |  |
| Solder internal diameter                   | 1.8 / 2.3                                                                           | 1.8 / 2.3                                                                           | 1.5                                                                                 |  |  |  |  |  |

15.5

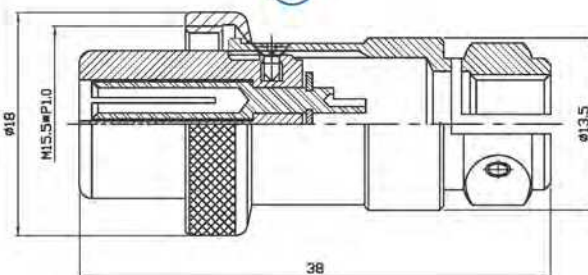
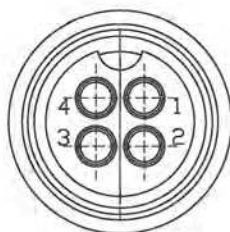
PLT-15.5 Series

## Adapter Male Contact

## Plug Female Contact

2  
PLT SERIES

PLT-15.5-4AD-R

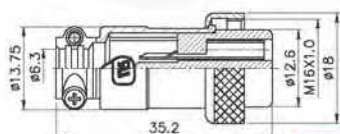


PLT-15.5-4P-R

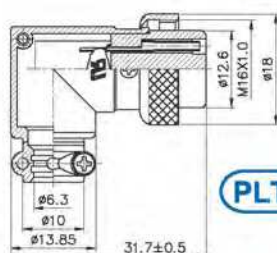
| No. of contacts                            | 2       | 4       |  |  |  |  |  |  |
|--------------------------------------------|---------|---------|--|--|--|--|--|--|
| Contacts Configuration                     |         |         |  |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V | 5A 150V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     | 200     |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       |  |  |  |  |  |  |
| Solder internal diameter                   | 1.5     | 1       |  |  |  |  |  |  |

## Plug Female Contact

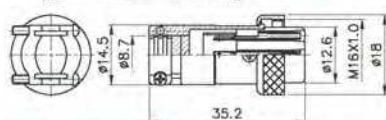
## Socket Male Contact



PLT-16-P-R

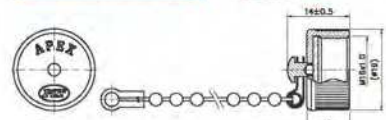


PLT-16-LP-R



PLT-16-PA-R

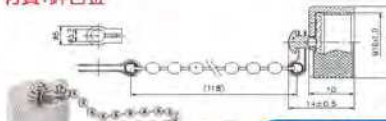
Material: Zinc Alloy  
材質: 鋅合金



RCaC-R

PLT-16-RCaC-R

Material: Zinc Alloy  
材質: 鋅合金



RCa-R

PLT-16-RCa-R

Material: Brass  
材質: 銅



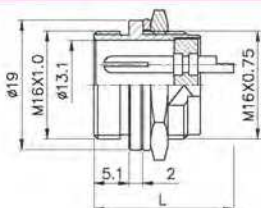
U-C5

U-C5

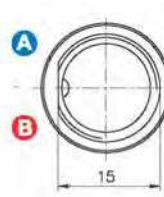
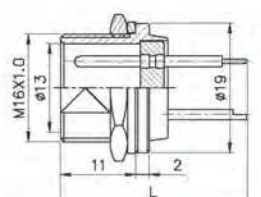
Material: Brass  
材質: 銅

Stainless Steel 不鏽鋼材質

| PIN | 2    | 3    | 4    | 5    | 6  | 7  | 8  |
|-----|------|------|------|------|----|----|----|
| L   | 20.5 | 20.5 | 20.5 | 20.5 | 19 | 19 | 19 |



PLT-16-R-R



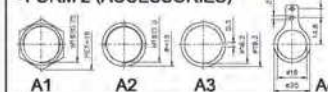
PCB TYPE

PLT-16-RL-R

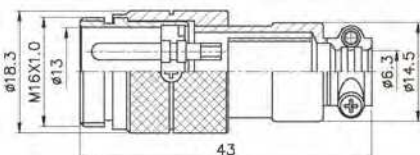
\*A: PCB TYPE \*B: SOLDERING TYPE

| FORM 1 FOR PLT-16-RL |      |      |    |      |      |      |
|----------------------|------|------|----|------|------|------|
| LENGTH               | L1   | L2   | L3 | L4   | L5   | L6   |
| SIZE                 | 20.5 | 23.5 | 29 | 30.5 | 21.5 | 21.5 |

\*FORM 2 (ACCESSORIES)

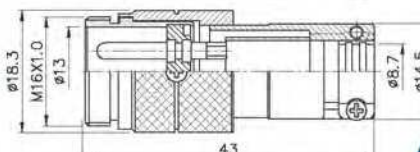


## Adapter Male Contact

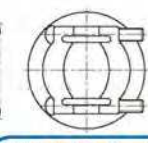


PLT-16-AD-R

PD:98441



PLT-16-ADA-R



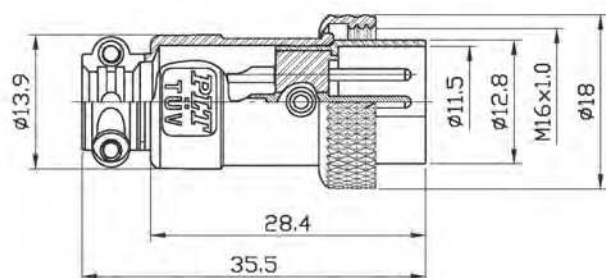
| No. of contacts                            | 2       | 3       | 4       | 5       | 6       | 7       | 8       |
|--------------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Contacts Configuration                     |         |         |         |         |         |         |         |
| Rated current / voltage                    | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V |
| Operating voltage limit (AC.V.rms)         | 200     | 200     | 200     | 200     | 200     | 200     | 200     |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       | 3       | 3       | 3       | 3       | 3       |
| Solder internal diameter                   | 1.4     | 1.4     | 1.4     | 1.2     | 0.8     | 0.8     | 0.8     |

16

PLT-16 Series

## Plug Male Contact

## Socket Female Contact

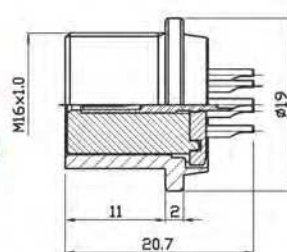
2  
PLT SERIES

PLT-16-PM-R

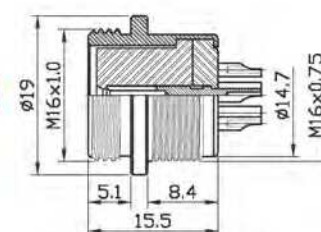
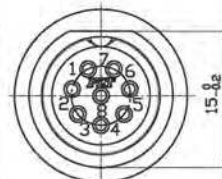
PM

RLF

RF



PLT-16-RLF-R



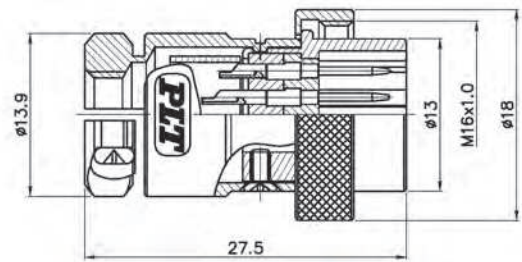
PLT-16-RF-R



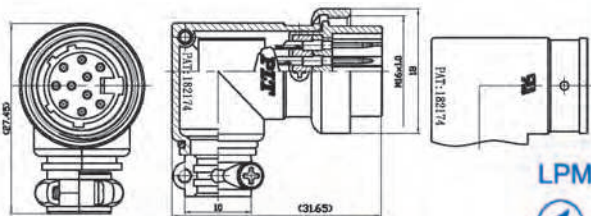
| No. of contacts                            | 2       | 3       | 4       | 5       | 6       | 7       | 8       |  |
|--------------------------------------------|---------|---------|---------|---------|---------|---------|---------|--|
| Contacts Configuration                     |         |         |         |         |         |         |         |  |
| Rated current / voltage                    | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V | 5A 125V |  |
| Operating voltage limit (AC.V.rms)         | 200     | 200     | 200     | 200     | 200     | 200     | 200     |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    | 1000    |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       | 3       | 3       | 3       | 3       | 3       |  |
| Solder internal diameter                   | 1.4     | 1.4     | 1.4     | 1.2     | 0.8     | 0.8     | 0.8     |  |

Plug Male Contact

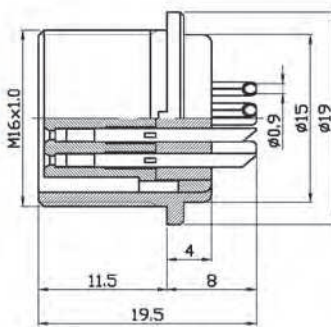
Socket Female Contact



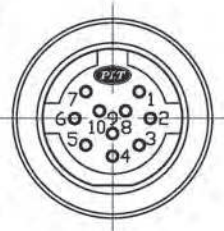
PLT-16A-PM-R



PLT-16A-LPM-R



PLT-16A-RF-R



|                                            |         |  |  |  |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|--|--|--|
| No. of contacts                            | 10      |  |  |  |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 3A 125V |  |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     |  |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    |  |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100     |  |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10      |  |  |  |  |  |  |  |  |
| Solder internal diameter                   | 0.9     |  |  |  |  |  |  |  |  |

17

PLT-17 Series

## Plug Female Contact

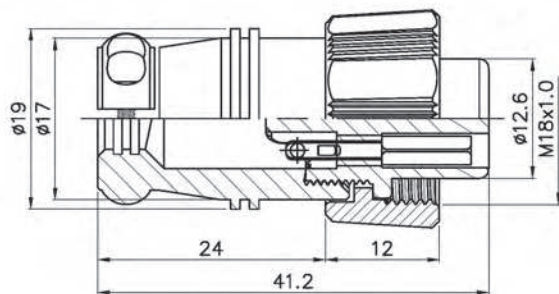


## Socket Male Contact

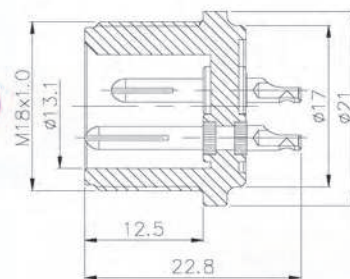


2

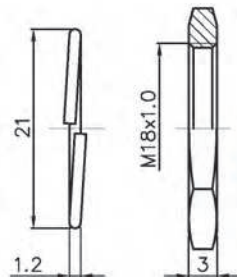
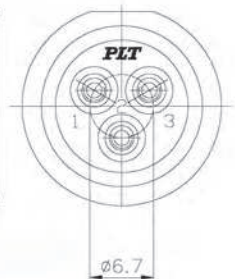
PLT SERIES



PLT-17◆-P-R



PLT-17◆-R-R

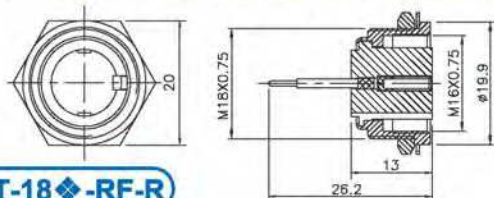


ACCESSORIES

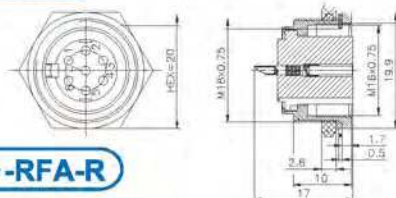
## ( Engineering Plastic 工程塑膠 )

| ◆ No. of contacts                          | 3       | 6       |  |  |  |  |  |  |
|--------------------------------------------|---------|---------|--|--|--|--|--|--|
| Contacts Configuration                     |         |         |  |  |  |  |  |  |
| Rated current / voltage                    | 6A 125V | 6A 125V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     | 200     |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       |  |  |  |  |  |  |
| Solder internal diameter                   | 1.4     | 0.8     |  |  |  |  |  |  |

## Socket Female Contact

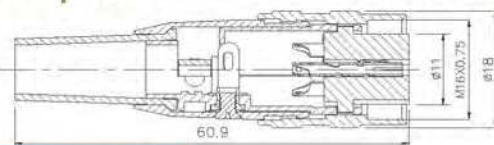


PLT-18-RF-R



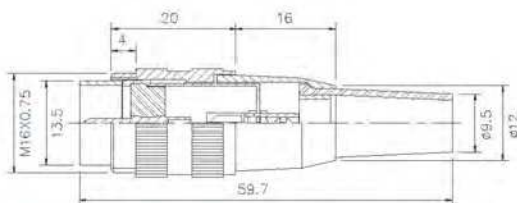
PLT-18-RFA-R

## Adapter Female Contact



PLT-18-ADF-R

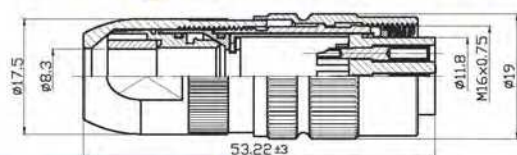
## Plug Male Contact



PLT-18-PM-R

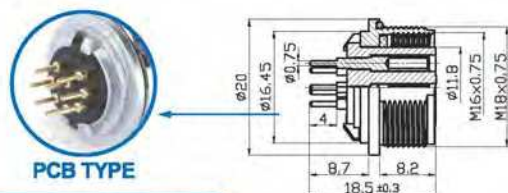


## Plug Female Contact



PLT-18-A-PF-R

## Socket Female Contact

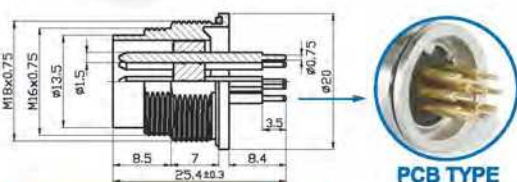


PLT-18-A-RF-R



PLT-18-B-RF-R

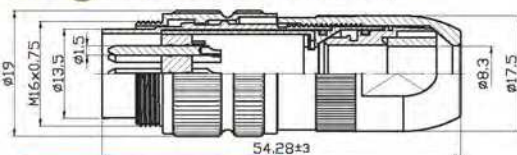
## Socket Male Contact



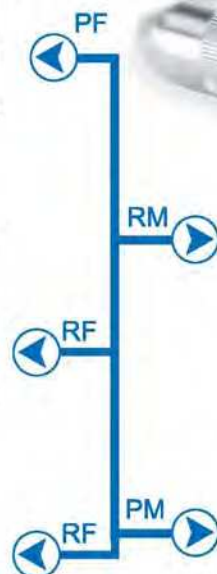
PLT-18-A-RM-R

IP67

## Plug Male Contact

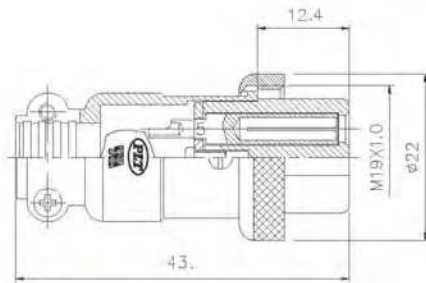


PLT-18-A-PM-R

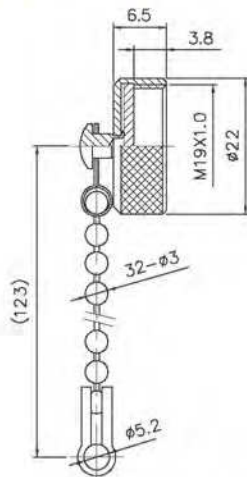


| No. of contacts                            | 5       | 7       | 8       |  |  |  |  |  |
|--------------------------------------------|---------|---------|---------|--|--|--|--|--|
| Contacts Configuration                     |         |         |         |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V | 5A 125V | 5A 125V |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     | 200     | 200     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    | 1000    |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    | 1000    | 1000    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       | 3       |  |  |  |  |  |
| Solder internal diameter                   | 1.55    | 1.55    | 1.55    |  |  |  |  |  |

### Plug Female Contact



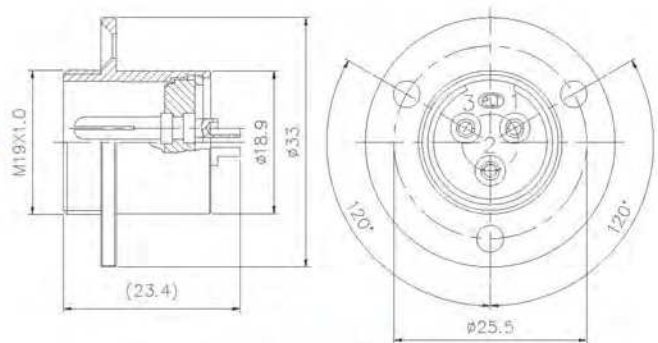
PLT-19♦-P-R



PLT-19-RCa-R

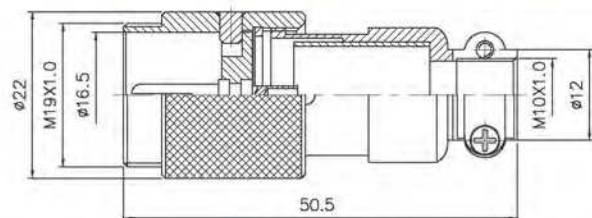
Material: Copper Alloy  
材質: 銅合金

### Socket Male Contact



PLT-19◆-R-R

### Adapter Male Contact



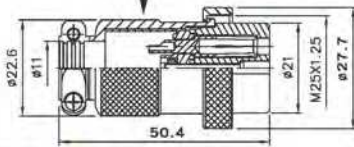
PLT-19◆-AD-R

| No. of contacts                            | 2                                                                                   | 3                                                                                   | 4                                                                                   |  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 7A 250V                                                                             | 7A 250V                                                                             | 7A 250V                                                                             |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 250                                                                                 | 250                                                                                 | 250                                                                                 |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000                                                                                | 1000                                                                                | 1000                                                                                |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000                                                                                | 1000                                                                                | 1000                                                                                |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   | 3                                                                                   | 3                                                                                   |  |  |  |  |  |
| Solder internal diameter                   | 1.7                                                                                 | 1.7                                                                                 | 1.7                                                                                 |  |  |  |  |  |

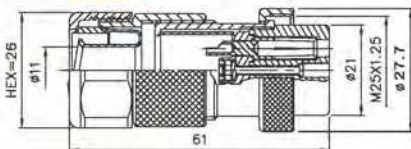
## Plug Female Contact



- 另有鎖側螺絲選項  
Optional accessory: side screws

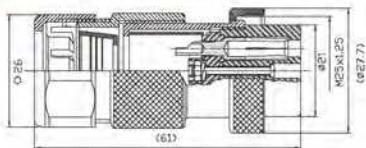


PLT-25◆-P-R



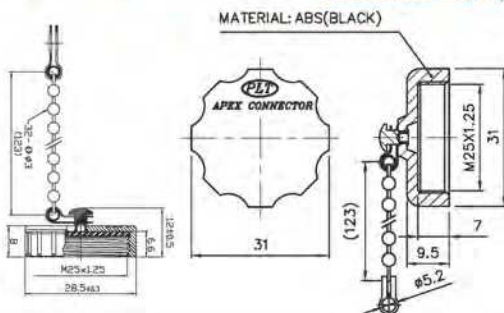
PLT-25◆-GP3-R

3=轉接3/8"軟管  
Connected with 3/8" conduit

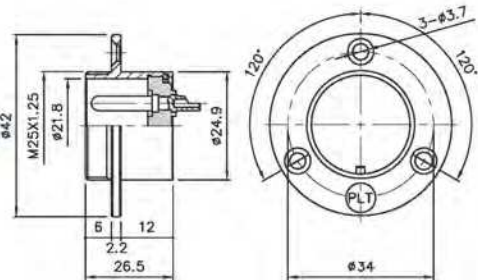


PLT-25◆-WGPF3-R

3=轉接3/8"尼龍管  
Connected with 3/8" nylon tube

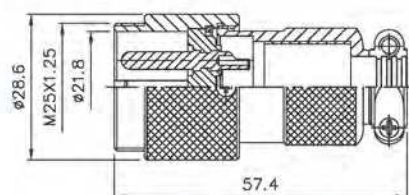


### Socket Male Contact



PLT-25◆-R-R

Adapter Male Contact



PLT-25◆-AD-R

Material: Plastic  
材質: 塑膠



**PLT-25A-RCa-R**

Material: Zinc Alloy  
材質: 鋅合金



**PLT-25C-RCa-R**

Material: Plastic  
材質: 塑膠



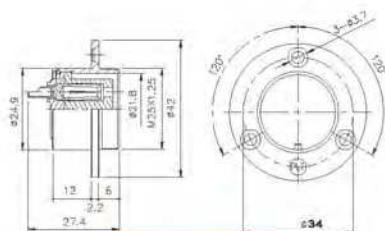
PAT A-590PX

| No. of contacts                            | 2                                                                                                                                                                              | 3                                                                                                                                                                              | 4                                                                                                                                                                              | 5                                                                                                                                                                                | 6                                                                                                                                                                                  |  |  |  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Contacts Configuration                     | <br>TÜV  | <br>TÜV  | <br>TÜV  | <br>TÜV  | <br>TÜV  |  |  |  |
| Rated current / voltage                    | 10A 250V                                                                                                                                                                       | 10A 250V                                                                                                                                                                       | 10A 250V                                                                                                                                                                       | 10A 250V                                                                                                                                                                         | 10A 250V                                                                                                                                                                           |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400                                                                                                                                                                            | 400                                                                                                                                                                            | 400                                                                                                                                                                            | 400                                                                                                                                                                              | 300                                                                                                                                                                                |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000                                                                                                                                                                           | 2000                                                                                                                                                                           | 2000                                                                                                                                                                           | 1800                                                                                                                                                                             | 1800                                                                                                                                                                               |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000                                                                                                                                                                           | 2000                                                                                                                                                                           | 2000                                                                                                                                                                           | 2000                                                                                                                                                                             | 2000                                                                                                                                                                               |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                                                                                                              | 3                                                                                                                                                                              | 3                                                                                                                                                                              | 3                                                                                                                                                                                | 3                                                                                                                                                                                  |  |  |  |
| Solder internal diameter                   | 1.9                                                                                                                                                                            | 1.9                                                                                                                                                                            | 1.9                                                                                                                                                                            | 1.9                                                                                                                                                                              | 1.9                                                                                                                                                                                |  |  |  |

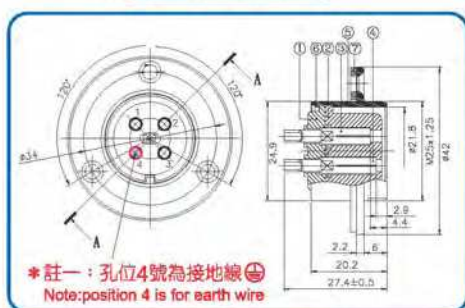
25

PLT-25 Series

## Socket Female Contact

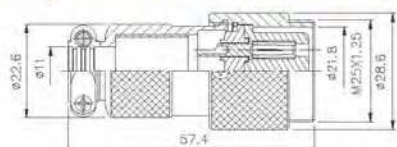


PLT-25◆-RF-R



PLT-254E-RF-R

## Adapter Female Contact



PLT-25◆-ADF-R

Material: Zinc Alloy  
材質：鋅合金



PLT-25C-RCa-R

Material: Plastic  
材質：塑膠



PAT A-590PX

Material: Plastic  
材質：塑膠

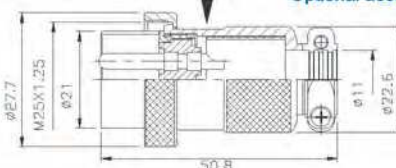


PLT-25A-RCa-R

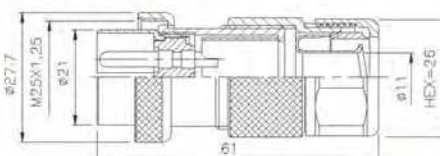
## Plug Male Contact



•另有鎖側螺絲選項  
Optional accessory: side screws

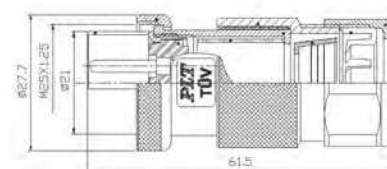


PLT-25◆-PM-R



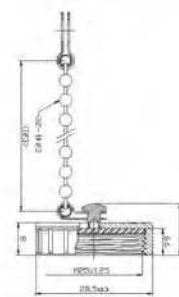
PLT-25◆-GPM3-R

3=轉接3/8"軟管  
Connected with 3/8" conduit



PLT-25◆-WGPM3-R

3=轉接3/8"尼龍管  
Connected with 3/8" nylon tube



| ◆ No. of contacts                          | 2        | 3        | 4        | 5        | 6        |  |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|--|--|--|
| Contacts Configuration                     |          |          |          |          |          |  |  |  |
| Rated current / voltage                    | 10A 250V | 10A 250V | 10A 250V | 10A 250V | 10A 250V |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      | 400      | 400      | 300      |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     | 2000     | 1800     | 1800     |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        |  |  |  |
| Solder internal diameter                   | 1.9      | 1.9      | 1.9      | 1.9      | 1.9      |  |  |  |



PLT-25A Series

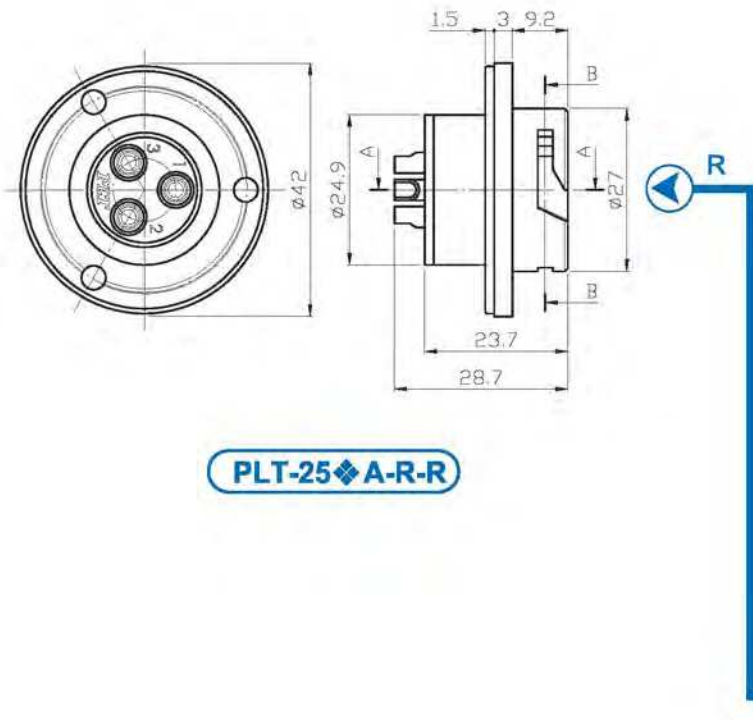


PLT SERIES 2

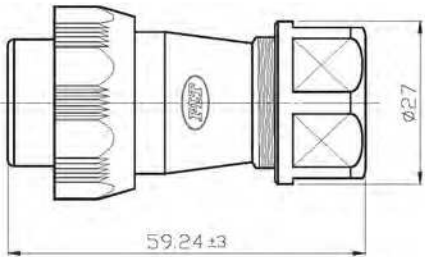
Socket Male Contact



Plug Female Contact



PLT-25A-R-R



PLT-25A-P-R

( Engineering Plastic 工程塑膠 )

| No. of contacts                            | 3        | 4        |  |  |  |  |  |  |
|--------------------------------------------|----------|----------|--|--|--|--|--|--|
| Contacts Configuration                     |          |          |  |  |  |  |  |  |
| Rated current / voltage                    | 10A 250V | 10A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200      | 200      |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000     | 1000     |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000     | 1000     |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        |  |  |  |  |  |  |

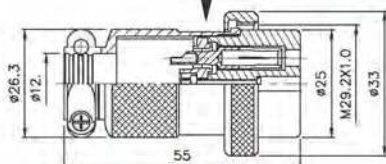
30

PLT-30 Series

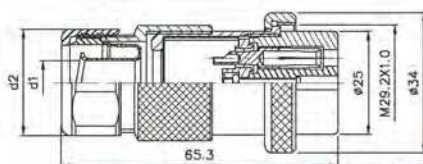
## Plug Female Contact



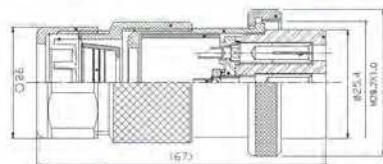
另有鎖側螺絲選項  
Optional accessory: side screws



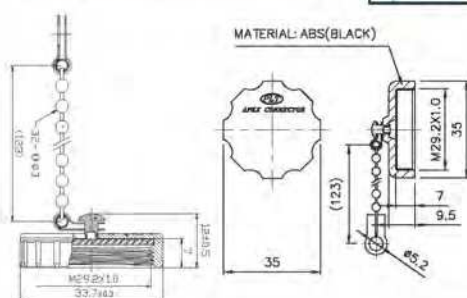
PLT-30-P-R



PLT-30-GP-R



PLT-30-WGP-R



軟管 / Conduit

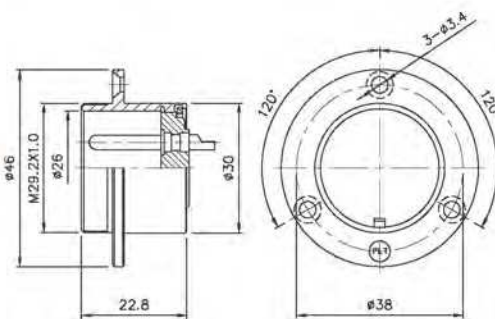
|           |       |       |
|-----------|-------|-------|
| 3 3/8" 軟管 | d1    | d2    |
|           | Ø10.8 | Ø26.3 |
| 4 1/2" 軟管 | d1    | d2    |
|           | Ø14.3 | Ø31.2 |

尼龍管 / Nylon Tube

|           |       |       |
|-----------|-------|-------|
| 3 3/8" 軟管 | d1    | d2    |
|           | Ø10.8 | Ø26.3 |
| 4 1/2" 軟管 | d1    | d2    |
|           | Ø14.3 | Ø31.2 |

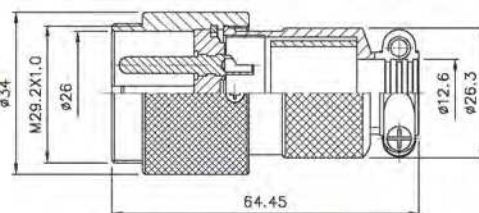


## Socket Male Contact



PLT-30-R-R

## Adapter Male Contact



PLT-30-AD-R

Material: Plastic  
材質: 塑膠



PLT-30A-RCa-R

Material: Zinc Alloy  
材質: 鋅合金



PLT-30C-RCa-R



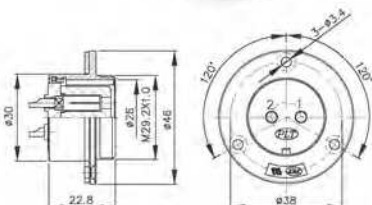
Material: Plastic  
材質: 塑膠

PAT A-591PX

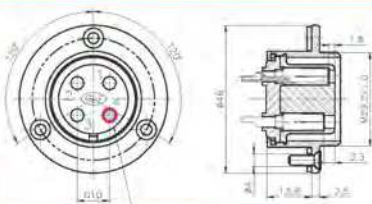
| No. of contacts                            | 2        | 3        | 4        | 5        | 8        |  |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|--|--|--|
| Contacts Configuration                     |          |          |          |          |          |  |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V | 15A 250V | 15A 250V | 10A 250V |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      | 400      | 400      | 300      |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     | 2000     | 1800     | 1800     |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        |  |  |  |
| Solder internal diameter                   | 2.8      | 2.8      | 2.8      | 2.8      | 2.5      |  |  |  |

## Socket Female Contact

## Plug Male Contact

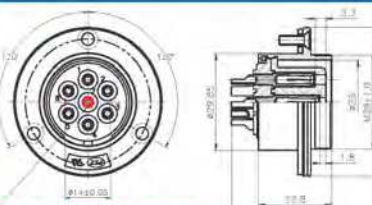


PLT-30-RF-R



\*註一：孔位4號為接地線  
Note: position 4 is for earth wire

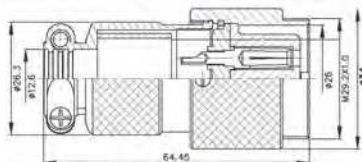
PLT-304E-RF-R



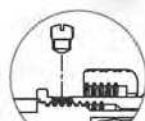
\*註一：孔位7號為接地線  
Note: position 7 is for earth wire

PLT-307E-RF-R

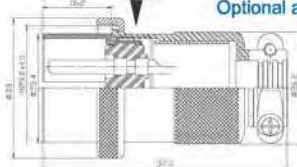
## Adapter Female Contact



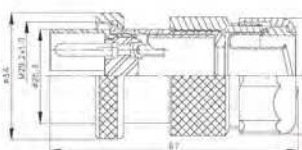
PLT-30-ADF-R



另有鎖側螺絲選項  
Optional accessory: side screws



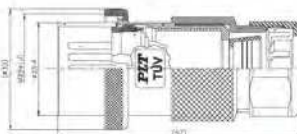
PLT-30-PM-R



軟管 / Conduit

| 3 | 3/8" 軟管 | d1    | d2    |
|---|---------|-------|-------|
| 4 | 1/2" 軟管 | d1    | d2    |
|   |         | Ø10.8 | Ø26.3 |
|   |         | Ø14.3 | Ø31.2 |

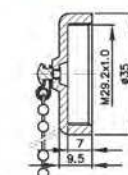
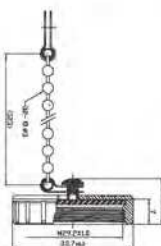
PLT-30-GPM-R



尼龍管 / Nylon Tube

|   |         |       |       |
|---|---------|-------|-------|
| 3 | 3/8" 軟管 | d1    | d2    |
|   |         | Ø10.8 | Ø26.3 |
| 4 | 1/2" 軟管 | d1    | d2    |
|   |         | Ø14.3 | Ø31.2 |

PLT-30-WGPM-R



RCa

ADF



Material: Plastic  
材質: 塑膠



Material: Plastic  
材質: 塑膠



Material: Zinc Alloy  
材質: 鋅合金

PLT-30A-RCa-R

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PLT-30C-RCa-R

| No. of contacts                            | 2        | 3        | 4        | 5        | 7        | 8        |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|----------|--|--|
| Contacts Configuration                     |          |          |          |          |          |          |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V | 15A 250V | 15A 250V | 15A 250V | 10A 250V |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      | 400      | 400      | 400      | 300      |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     | 2000     | 1800     | 1800     | 1800     |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     | 2000     |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        | 3        |  |  |
| Solder internal diameter                   | 2.8      | 2.8      | 2.8      | 2.8      | 2        | 2.5      |  |  |

30

PLT-30 Series

## Socket male Contact

## Plug Female Contact

2

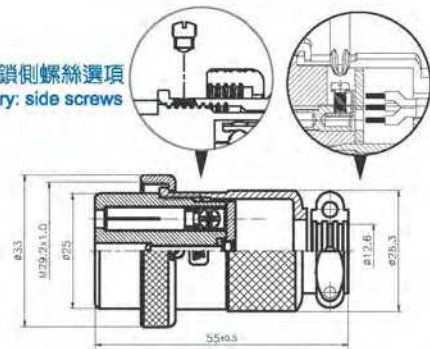
PLT SERIES



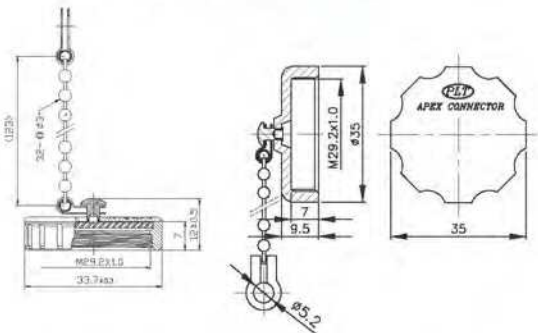
PLT-303-RN-R



●另有鎖側螺絲選項  
Optional accessory: side screws



PLT-303-PN-R



Screw-Lockup-Contact Model

螺絲鎖附型

Patent of invention, all rights reserved  
專利產品，仿冒必究



PAT A-591PX



PLT-30C-RCa-R



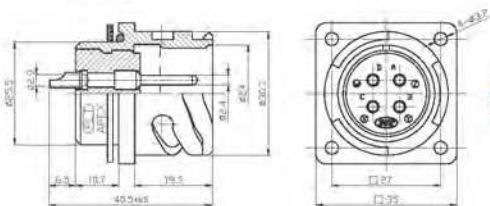
PLT-30A-RCa-R

|                                            |          |  |  |  |  |  |  |  |  |
|--------------------------------------------|----------|--|--|--|--|--|--|--|--|
| No. of contacts                            | 3        |  |  |  |  |  |  |  |  |
| Contacts Configuration                     |          |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 15A 250V |  |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      |  |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     |  |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     |  |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        |  |  |  |  |  |  |  |  |
| Solder internal diameter                   | 2.8      |  |  |  |  |  |  |  |  |



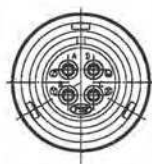
## Socket Male Contact

## Plug Female Contact



PLT3102A 18-10PA

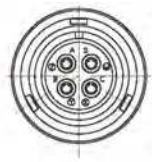
SA



PLT3106A 18-10SA

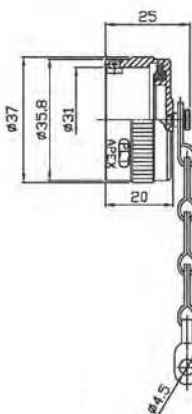
PA

SC



PLT3106A 18-10SC

RCa



PLT-18RCa

Material: Aluminum Alloy  
材質: 鋁合金

|                                            |                        |  |  |  |
|--------------------------------------------|------------------------|--|--|--|
| No. of contacts                            | 4                      |  |  |  |
| Contacts Configuration                     |                        |  |  |  |
| Operating voltage                          | 23A DC:700V<br>AC:500V |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000                   |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 5000                   |  |  |  |
| Test Current                               | 23                     |  |  |  |

31

PLT-31 Series

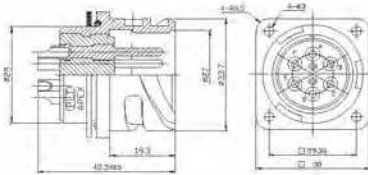
IP67

## Socket male Contact

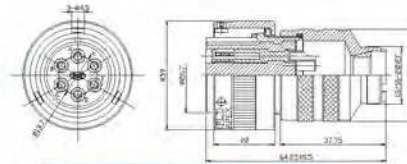
## Plug Female Contact

2

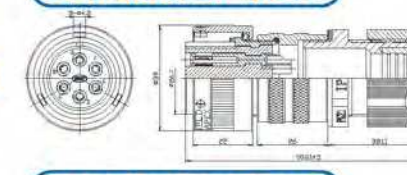
PLT SERIES



PLT3102A 20-15PA



PLT3106A 20-15SA



PLT3106A 20-15SC

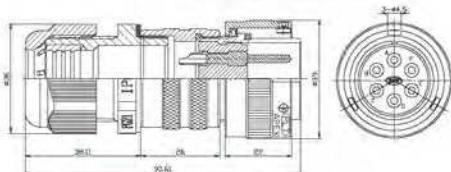


PLT-20RCa

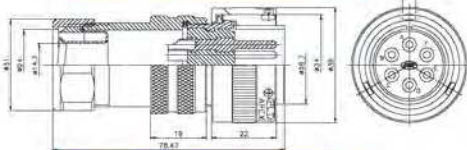
Material: Aluminum Alloy  
材質: 鋁合金

## Plug male Contact

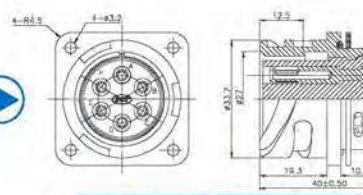
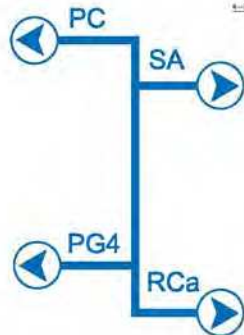
## Socket Female Contact



PLT3106A 20-15PC



PLT3106A 20-15PG4



PLT3102A 20-15SA

PLT-20RCa

Material: Aluminum Alloy  
材質: 鋁合金

|                                            |                        |  |  |  |
|--------------------------------------------|------------------------|--|--|--|
| No. of contacts                            | 6                      |  |  |  |
| Contacts Configuration                     |                        |  |  |  |
| Operating voltage                          | 23A DC:700V<br>AC:500V |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000                   |  |  |  |
| Insulation resistance (MQ MIN.) at DC 500V | 5000                   |  |  |  |
| Test Current                               | 23                     |  |  |  |



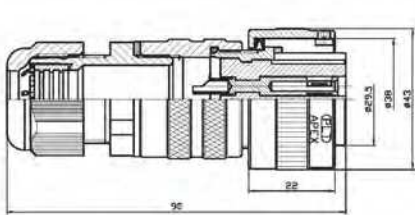
PLT-31 Series

31

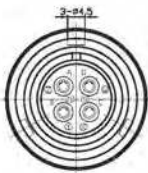
2  
PLT SERIES

Plug Female Contact

Socket Male Contact

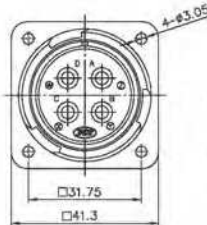


PLT3106A 22-22SC

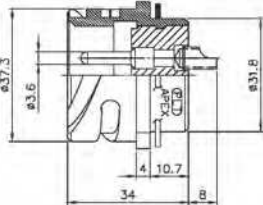


SC

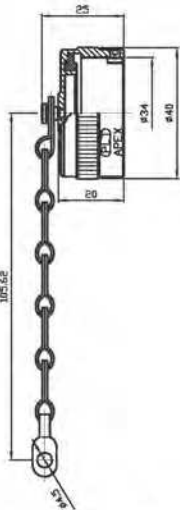
PA



PLT3102A 22-22PA



Material: Aluminum Alloy  
材質: 鋁合金



PLT-22RCa

RCa

|                                            |                         |  |  |  |
|--------------------------------------------|-------------------------|--|--|--|
| No. of contacts                            | 4                       |  |  |  |
| Contacts Configuration                     |                         |  |  |  |
| Operating voltage                          | 46A DC:1250V<br>AC:900V |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000                    |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 5000                    |  |  |  |
| Test Current                               | 46                      |  |  |  |

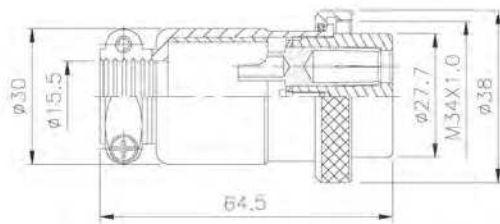
32

PLT-32 Series

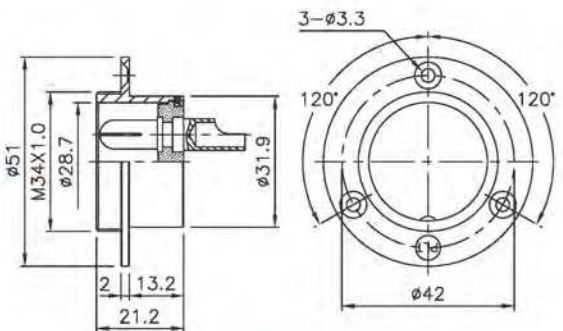
## Plug Female Contact



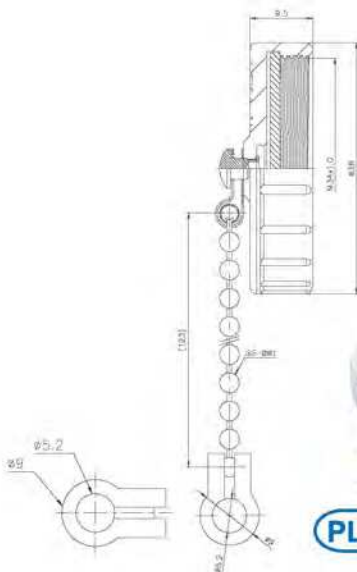
## Socket Male Contact



PLT-32◆-P-R



PLT-32◆-R-R

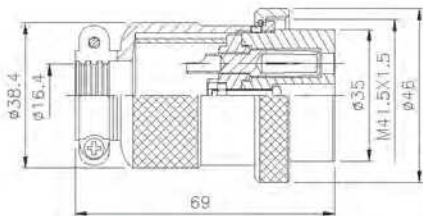
Material: Zinc Alloy  
材質: 鋅合金

PLT-32C-RCaN-R

Finish (表面處理) → [ Nickel-plated / 鍍鎳  
Chrome-plated / 鍍鉻 ]

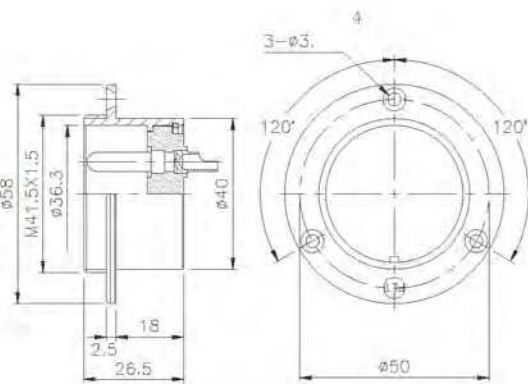
| ◆ No. of contacts                          | 2        | 3        |  |  |  |  |  |  |
|--------------------------------------------|----------|----------|--|--|--|--|--|--|
| Contacts Configuration                     |          |          |  |  |  |  |  |  |
| Rated current / voltage                    | 30A 250V | 30A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 5        | 5        |  |  |  |  |  |  |
| Solder internal diameter                   | 6        | 6        |  |  |  |  |  |  |

Plug Female Contact

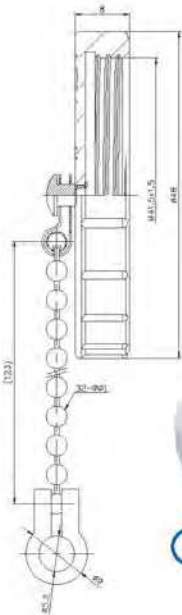


PLT-40◆-P-R

Socket Male Contact



PLT-40◆-R-R



PLT-40C-RCaC-R

Material: Zinc Alloy  
材質: 鋅合金

| ◆ No. of contacts                          | 4                                                                                   | 8                                                                                   | 37                                                                                  |    |     |    |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|-----|----|--|--|
| Contacts Configuration                     |  |  |  |    |     |    |  |  |
|                                            | TÜV                                                                                 | UL                                                                                  | TÜV                                                                                 | UL | TÜV | UL |  |  |
| Rated current / voltage                    | 30A 250V                                                                            | 20A 250V                                                                            | 5A 300V                                                                             |    |     |    |  |  |
| Operating voltage limit (AC.V.rms)         | 500                                                                                 | 400                                                                                 | 300                                                                                 |    |     |    |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2500                                                                                | 2000                                                                                | 1000                                                                                |    |     |    |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000                                                                                | 2000                                                                                | 1800                                                                                |    |     |    |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   | 3                                                                                   | 3                                                                                   |    |     |    |  |  |
| Solder internal diameter                   | 4                                                                                   | 4.8                                                                                 | 1.9                                                                                 |    |     |    |  |  |

40

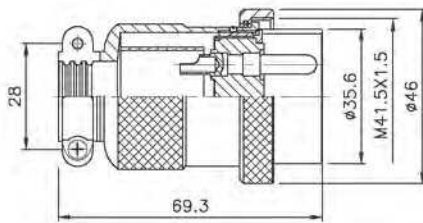
PLT-40 Series

## Plug male Contact

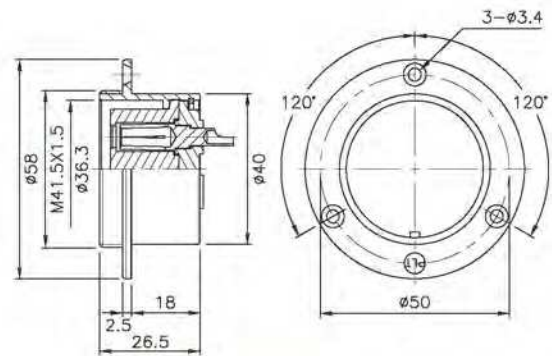
## Socket Female Contact

2

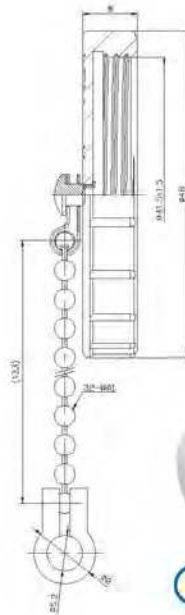
PLT SERIES



PLT-40-PM-R



PLT-40-RF-R



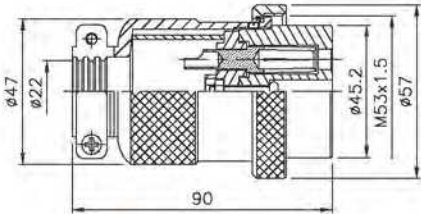
PLT-40C-RCaC-R

Material: Zinc Alloy  
材質: 鋅合金

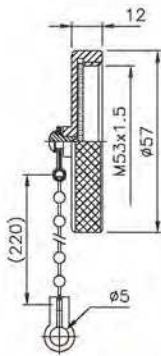
| No. of contacts                            | 4                                                                                   | 37                                                                                  |  |  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 30A 250V                                                                            | 5A 300V                                                                             |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 500                                                                                 | 200                                                                                 |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2500                                                                                | 1000                                                                                |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000                                                                                | 1800                                                                                |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   | 3                                                                                   |  |  |  |  |  |  |
| Solder internal diameter                   | 4                                                                                   | 1.9                                                                                 |  |  |  |  |  |  |

Plug Female Contact

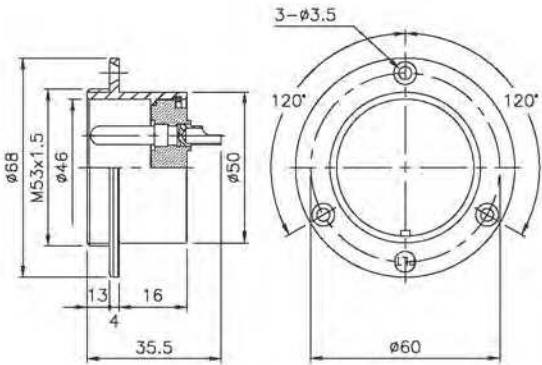
Socket Male Contact



PLT-50-P



PLT-50-RCa



PLT-50-R

|                                            |          |  |  |  |  |  |  |  |
|--------------------------------------------|----------|--|--|--|--|--|--|--|
| No. of contacts                            | 4        |  |  |  |  |  |  |  |
| Contacts Configuration                     |          |  |  |  |  |  |  |  |
| Rated current / voltage                    | 80A 250V |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 600      |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 3000     |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 5000     |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        |  |  |  |  |  |  |  |
| Solder internal diameter                   |          |  |  |  |  |  |  |  |



PLS-20 Series



PLS-24 Series



PLS-27 Series



PLS-28 Series



PLS-28 Series



PLS-35 Series



PLS-41 Series



PLS-4207 Series



WGP

防水電氣尼龍配管  
Waterproof Corrugated Nylon Tube



GP

防水防爆電氣配管  
Waterproof Explosionproof Tube  
with Steel Wire Braiding



CG

耐扭試電纜固定頭  
Flex Protecting Cable Glands



● ORDERING INFORMATION

**PLS-202-PM X-R**

- RoHS 2.0 COMPLIANT 歐盟環保指令
- CONNECTOR TYPE 连接器類型 (Reference 參考 ●圖一)
- NO. OF CONTACTS (2-26) 導梢數量
- SHELL SIZE (20,24,28,35,41,42) 外殼尺寸
- NAME OF SERIES 系列名稱

●圖一

|            |                   |      |           |              |     |
|------------|-------------------|------|-----------|--------------|-----|
| <b>PM</b>  | Plug Male         | 插頭導針 | <b>AD</b> | Adapter      | 中 繼 |
| <b>PF</b>  | Plug Female       | 插頭導梢 | <b>Ca</b> | Cap          | 保護蓋 |
| <b>RM</b>  | Receptacle Male   | 插座導針 | <b>RT</b> | Rubber tube  | 橡膠管 |
| <b>RF</b>  | Receptacle Female | 插座導梢 | <b>GP</b> | Conduit type | 軟管式 |
| <b>WGP</b> | Nylon type        | 尼龍管式 | <b>CG</b> | Cable glands | 迫緊頭 |

● MATERIAL & FINISH

Kindly refer to the below column for material & finish when ordering

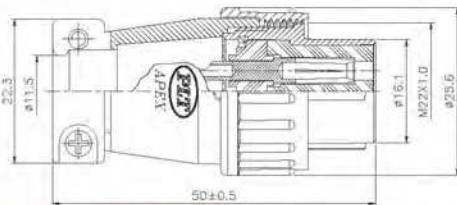
| Description     | Material                                                                                            | Finish                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Shell / 外殼、本體   | • Stainless Steel / 不鏽鋼<br>• Zinc alloy Die Casting / 鋅合金壓鑄<br>• Aluminum alloy Die Casting / 鋁合金壓鑄 | • Chrome-plated / 鍍鉻<br>• Gold-plated / 鍍金<br>• Nickel-plated / 鍍鎳<br>• Silver-plated / 鍍銀 |
| Insulator / 絕緣體 | • Bakelite / 電木<br>• Delrin / 塑鋼<br>• Teflon / 鐵氟龍                                                  |                                                                                            |
| Contact / 接點    | • Copper / 銅<br>• Phosphor Copper / 磷青銅<br>• Beryllium Copper / 鈹銅                                  | • Gold-plated / 鍍金<br>• Nickel-plated / 鍍鎳<br>• Silver-plated / 鍍銀                         |

⚠ **WARNING** : Electric Shock Hazard, Do Not Hot Plugging.

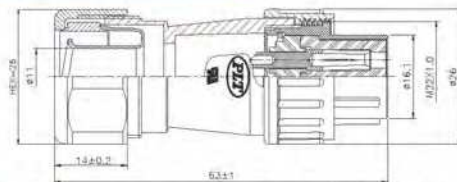
⚠ **警告** : 為避免觸電,通電狀態下禁止插拔電源線连接器.

⚠ **警告** : 感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。

## Plug Female Contact

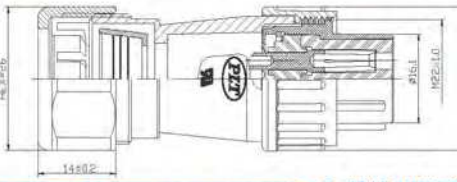


PLS-20◆-PF X-R



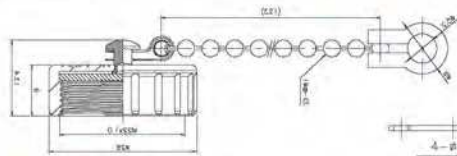
PLS-20◆-GPF3 X-R

3=轉接3/8"軟管  
Connected with 3/8" conduit



PLS-20◆-WGPF3 X-R

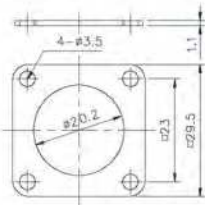
3=轉接3/8"尼龍管  
Connected with 3/8" nylon tube



PLS-20C-RCaC-R

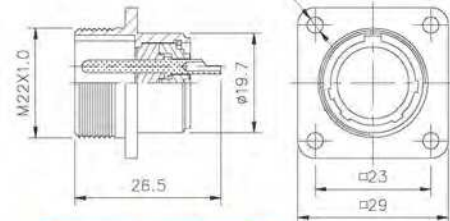


Material: Zinc Alloy  
材質: 鋅合金



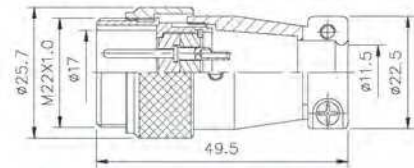
ACCESSORY:  
RUBBER GASKET FOR PLS-20◆-RM

## Socket Male Contact

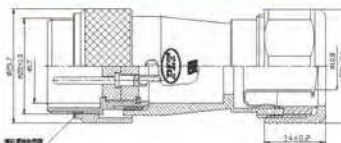


PLS-20◆-RM-R

## Adapter Male Contact

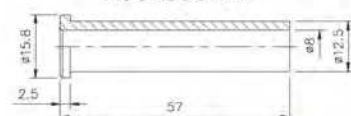


PLS-20◆-ADM-R



PLS-20◆-ADGM-R

ACCESSORY:



RUBBER TUBE FOR PLS-20◆-PF



Material: Plastic  
材質: 塑膠

PAT A-587PX

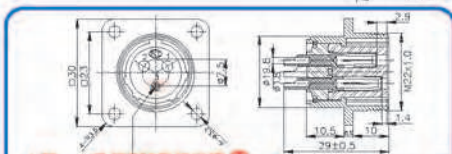
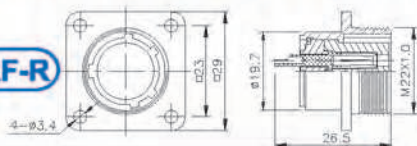
★NEW

★NEW

| ◆ No. of contacts                          | 2        | 3        | 4        | 5        | 7        | 12      |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|---------|--|--|
| Contacts Configuration                     |          |          |          |          |          |         |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V | 10A 250V | 10A 250V | 10A 250V | 5A 250V |  |  |
| Operating voltage limit (AC.V.rms)         | 250      | 250      | 250      | 250      | 250      | 250     |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500     | 1500     | 1000     | 1000     | 1000     | 1000    |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     | 1000    |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        | 5       |  |  |
| Solder internal diameter                   | 1.8      | 1.8      | 1.6      | 1.6      | 1.6      | 1.2     |  |  |

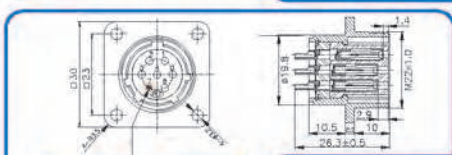
## Socket Female Contact

## PLS-20◆-RF-R



★註一：孔位3號為接地線  
Note: position 3 is for earth wire

## PLS-203E-RF-R

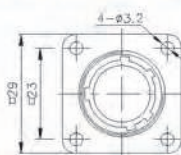
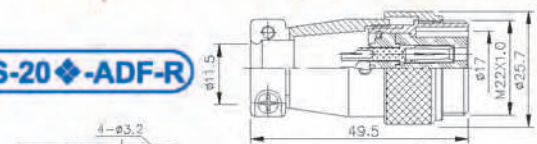


★註一：孔位7號為接地線  
Note: position 7 is for earth wire

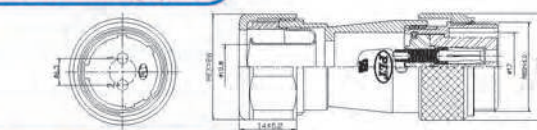
## PLS-207E-RF-R

## Adapter Female Contact

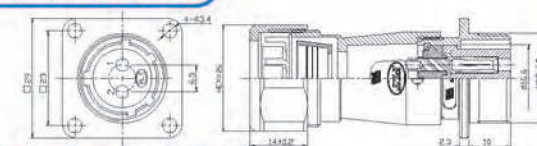
## PLS-20◆-ADF-R



## PLS-20◆-AD(F)F-R



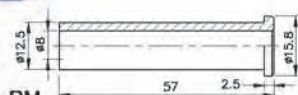
## PLS-20◆-ADGF-R



## PLS-20◆-ADGF(F)-R

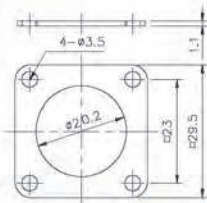
ACCESSORY:

RUBBER TUBE FOR PLS-20◆-PM



ACCESSORY:

RUBBER GASKET FOR PLS-20◆-RM



★NEW

★NEW

## Plug Male Contact



RF

PM

PM

GPM

ADF

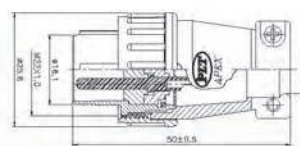
AD(F)F

WGPM

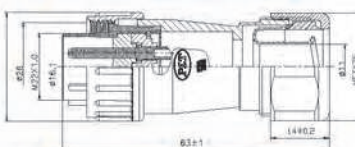
ADGF

RCaC

ADGF(F)

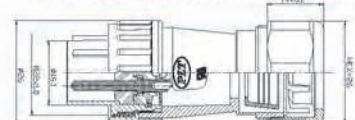


## PLS-20◆-PM X-R



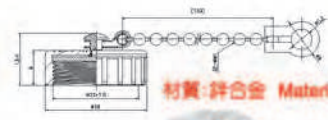
## PLS-20◆-GPM3 X-R

3=轉接3/8"軟管 Connected with 3/8" conduit



## PLS-20◆-WGPM3 X-R

3=轉接3/8"尼龍管 Connected with 3/8" nylon tube



## PLS-20C-RCaC-R

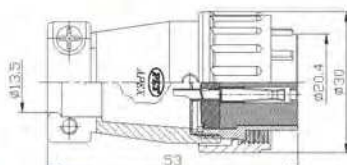
材質：鋅合金 Material: Zinc Alloy

Material: Plastic  
材質：塑膠

PAT A-587PX

| ◆ No. of contacts                          | 2        | 3        | 4        | 5        | 7        | 12      |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|---------|--|--|
| Contacts Configuration                     |          |          |          |          |          |         |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V | 10A 250V | 10A 250V | 10A 250V | 5A 250V |  |  |
| Operating voltage limit (AC.V.rms)         | 250      | 250      | 250      | 250      | 250      | 250     |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500     | 1500     | 1500     | 1000     | 1000     | 1000    |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     | 1000    |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        | 5       |  |  |
| Solder internal diameter                   | 1.8      | 1.8      | 1.6      | 1.6      | 1.6      | 1.2     |  |  |

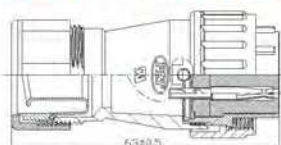
## Plug Female Contact



PLS-24◆-PF X-R

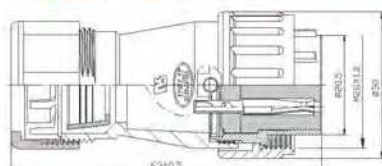


PLS-24 ♦ -PFCG X-R



**PLS-24◆-GPF3 X-R**

3=轉接3/8"軟管 Connected with 3/8" conduit



PLS-24◆-WGPF3 X-R

3=轉接3/8"尼龍管 Connected with 3/8" nylon tube



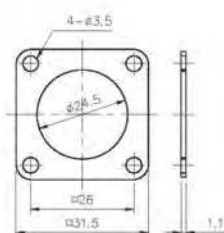
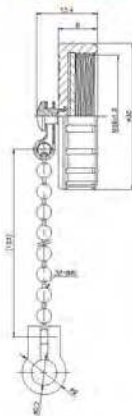
**PLS-24C-RCaC-R**

材質: 鋅合金 Material: Zinc Alloy

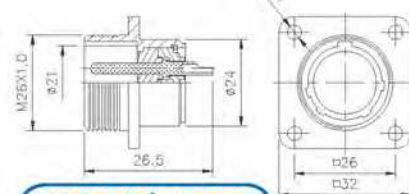


Material: Plastic  
材質: 塑膠

PAT A-588PX

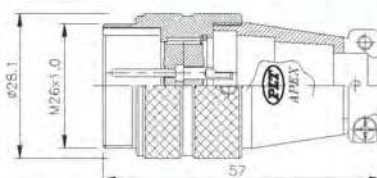


ACCESSORY:  
RUBBER GASKET FOR PLS-24 ◆-RM

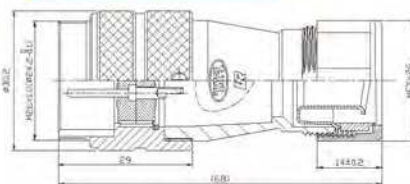


PLS-24◆-RM-R

### Adapter Male Contact

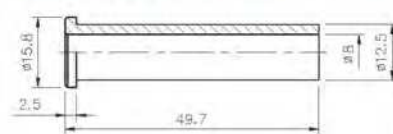


PLS-24◆-ADM-R



PLS-24◆-ADGM-R

3=轉接3/8"軟管 Connected with 3/8" conduit

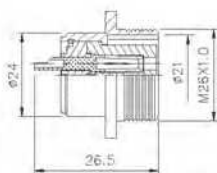
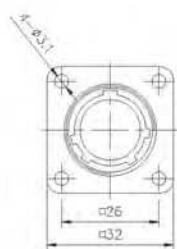


ACCESSORY:  
RUBBER TUBE FOR PLS-24 ◆ -PF

| No. of contacts                            | 5                                                                                          | 10                                                                                                                                                                             |  |  |  |  |  |  |
|--------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Contacts Configuration                     | <br>TÜV | <br>TÜV  |  |  |  |  |  |  |
| Rated current / voltage                    | 15A 250V                                                                                   | 10A 250V                                                                                                                                                                       |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400                                                                                        | 250                                                                                                                                                                            |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1800                                                                                       | 1000                                                                                                                                                                           |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000                                                                                       | 2000                                                                                                                                                                           |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                          | 3                                                                                                                                                                              |  |  |  |  |  |  |
| Solder internal diameter                   | 2.8                                                                                        | 1.6                                                                                                                                                                            |  |  |  |  |  |  |

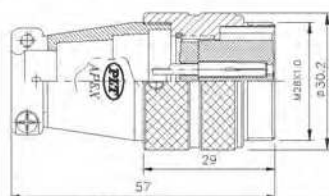
## Socket Female Contact

## Plug Male Contact



PLS-24◆-RF-R

## Adapter Female Contact



PLS-24◆-ADF-R



3=轉接3/8"軟管  
Connected with 3/8" conduit

PLS-24◆-ADGF-R



ACCESSORY:  
RUBBER TUBE FOR PLS-24◆-PM

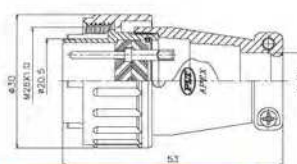


Material: Plastic  
材質: 塑膠

PAT A-588PX



ACCESSORY: RUBBER GASKET FOR PLS-24◆-RF



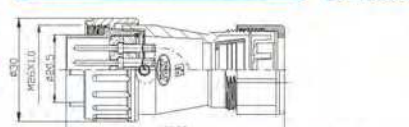
PLS-24◆-PM X-R



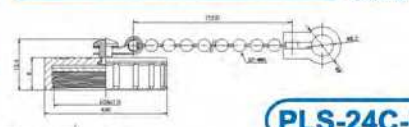
PLS-24◆-PMCG X-R



PLS-24◆-GPM3 X-R



PLS-24◆-WGPM3 X-R



PLS-24◆-WGPM3 X-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



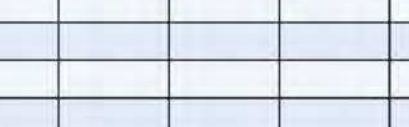
PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R



PLS-24C-RCaC-R

IP67

3=轉接3/8"軟管  
Connected with 3/8" conduit

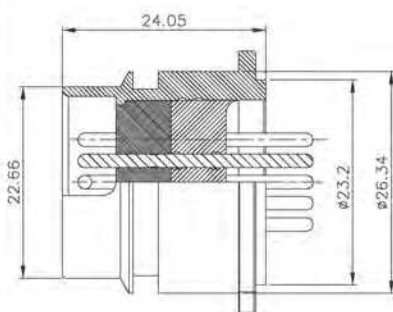
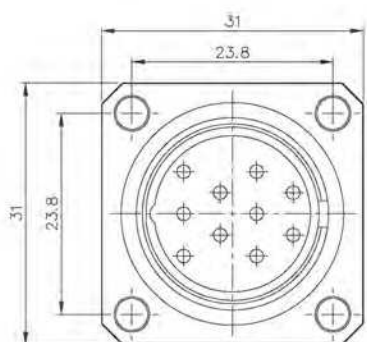
3=轉接3/8"尼龍管  
Connected with 3/8" nylon tube

Material: Zinc Alloy  
材質: 鋅合金

| No. of contacts                            | 5        | 10       |  |  |  |  |  |  |
|--------------------------------------------|----------|----------|--|--|--|--|--|--|
| Contacts Configuration                     |          |          |  |  |  |  |  |  |
| Rated current / voltage                    | 15A 250V | 10A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 250      |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1800     | 1000     |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        |  |  |  |  |  |  |
| Solder internal diameter                   | 2.8      | 1.6      |  |  |  |  |  |  |

## Plug male Contact

## Socket Female Contact

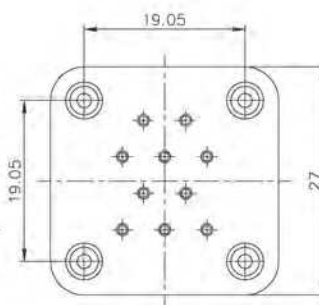
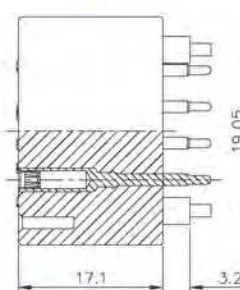
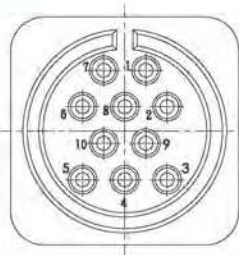


**PLS-2710-RM**



RM

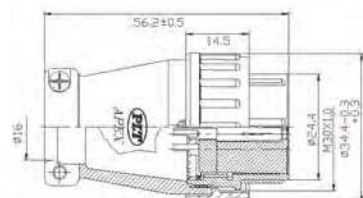
PF



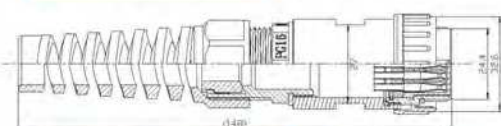
**PLS-2710-PF**

|                                            |                                                                                     |  |  |  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| No. of contacts                            | 10                                                                                  |  |  |  |  |  |  |  |
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 5A 250V                                                                             |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 250                                                                                 |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000                                                                                |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000                                                                                |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 5                                                                                   |  |  |  |  |  |  |  |
| Solder internal diameter                   |                                                                                     |  |  |  |  |  |  |  |

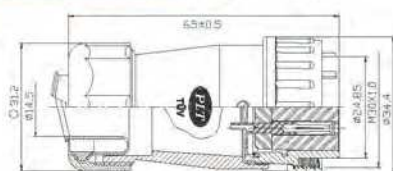
## Plug Female Contact



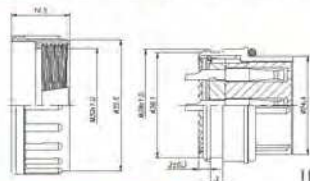
PLS-28♦-PF X-R



PLS-28◆-PFCG-R 



**PLS-28** ◆ **-GPF4 X-R** 4=轉接1/2"軟管  
Connected with 1/2" conduit

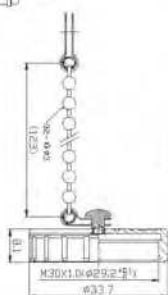


PLS-28 ♦-PFB X-R

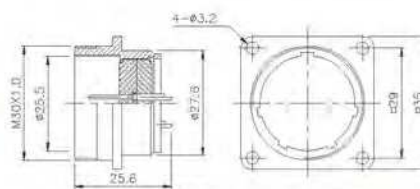


Material: Zinc Alloy / 材質: 鋅合金

**PLS-28C-RCa-R**

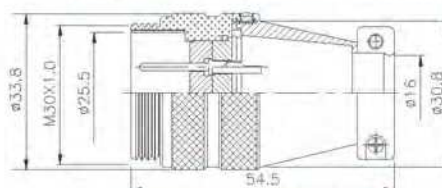


Socket Male Contact

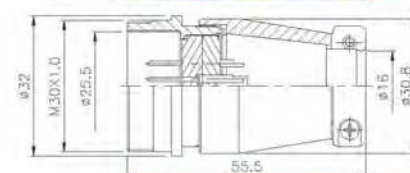


PLS-28◆-RM-R

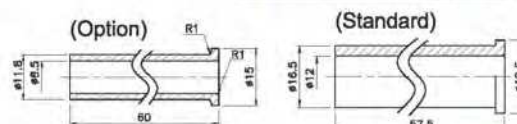
## Adapter Male Contact



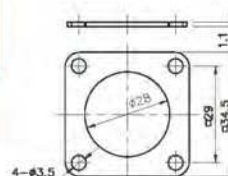
PLS-28 ♦ -ADM-R



PLS-28 ◆ -AD(F)M-R



ACCESSORY : RUBBER TUBE FOR PLS-28 ◆ -PF



ACCESSORY : RUBBER GASKET FOR PLS-28◆-RM



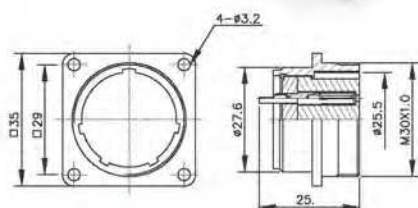
Material: Plastic  
材質: 塑膠

PAT A-589PX

| No. of contacts                            | 3                                                                                   | 4                                                                                   | 7                                                                                   | 12                                                                                   | 16                                                                                    | 17                                                                                    | 20                                                                                    | 26                                                                                    |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 15A 250V                                                                            | 15A 250V                                                                            | 15A 250V                                                                            | 10A 250V                                                                             | 10A 250V                                                                              | 10A 250V                                                                              | 5A 250V                                                                               | 5A 250V                                                                               |
| Operating voltage limit (AC.V.rms)         | 400                                                                                 | 400                                                                                 | 400                                                                                 | 250                                                                                  | 250                                                                                   | 250                                                                                   | 250                                                                                   | 250                                                                                   |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000                                                                                | 2000                                                                                | 1800                                                                                | 1000                                                                                 | 1000                                                                                  | 1000                                                                                  | 1000                                                                                  | 1000                                                                                  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000                                                                                | 2000                                                                                | 2000                                                                                | 1000                                                                                 | 1000                                                                                  | 1000                                                                                  | 1000                                                                                  | 1000                                                                                  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   | 3                                                                                   | 3                                                                                   | 5                                                                                    | 5                                                                                     | 5                                                                                     | 3                                                                                     | 3                                                                                     |
| Solder internal diameter                   | 3.4                                                                                 | 3.4                                                                                 | 2.4                                                                                 | 1.6                                                                                  | 1.6                                                                                   | 1.6                                                                                   | 1.2                                                                                   | 1.2                                                                                   |

## Socket Female Contact

## Plug Male Contact

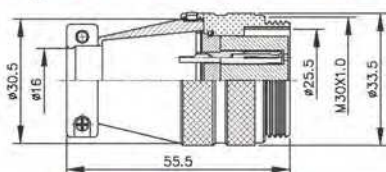


PLS-28-RF-R



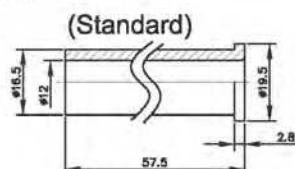
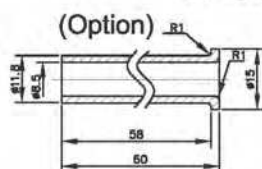
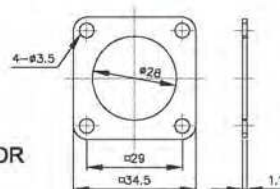
PLS-2812E-RF-R

## Adapter Female Contact

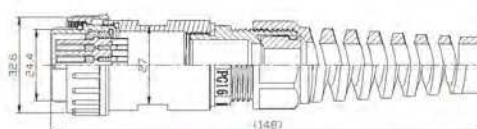


PLS-28-ADF-R

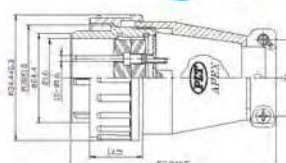
## ACCESSORY:

RUBBER TUBE FOR  
PLS-28-PM

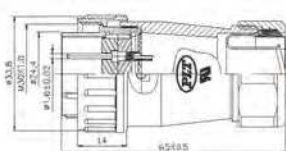
RUBBER GASKET FOR PLS-28-RF



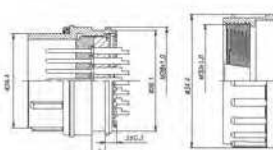
PLS-28-PMCG-R



PLS-28-PM X-R



PLS-28-GPM4 X-R



PLS-28-PMA X-B-R

Material: Zinc Alloy  
材質：鋅合金

PLS-28C-RCa-R

Material: Plastic  
材質：塑膠

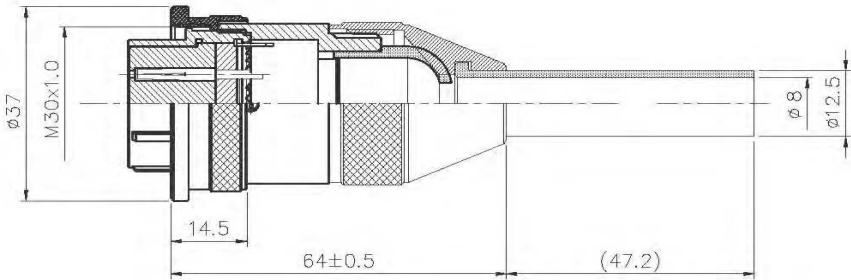
PAT A-589PX

| No. of contacts                            | 3        | 4        | 7        | 12       | 16       | 17       | 20      | 26      |
|--------------------------------------------|----------|----------|----------|----------|----------|----------|---------|---------|
| Contacts Configuration                     |          |          |          |          |          |          |         |         |
| Rated current / voltage                    | 15A 250V | 15A 250V | 15A 250V | 10A 250V | 10A 250V | 10A 250V | 5A 250V | 5A 250V |
| Operating voltage limit (AC.V.rms)         | 400      | 400      | 400      | 250      | 250      | 250      | 250     | 250     |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     | 1800     | 1000     | 1000     | 1000     | 1000    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 1000     | 1000     | 1000     | 1000    | 1000    |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 5        | 5        | 5        | 3       | 3       |
| Solder internal diameter                   | 3.4      | 3.4      | 2.4      | 1.6      | 1.6      | 1.6      | 1.2     | 1.2     |



Socket Male Contact

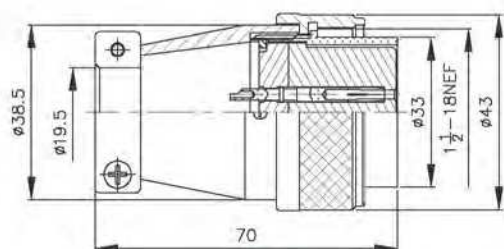
Plug Female Contact



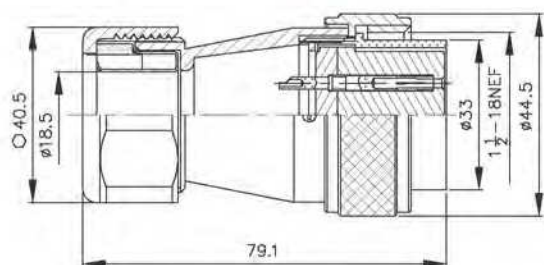
( Stainless Steel 不鏽鋼 )

| No. of contacts                            | 3            | 4            | 7            | 12           | 16           | 17           | 20          | 26          |
|--------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| Contacts Configuration                     |              |              |              |              |              |              |             |             |
| Rated current / voltage                    | TÜV 15A 250V | TÜV 15A 250V | TÜV 15A 250V | TÜV 10A 250V | TÜV 10A 250V | TÜV 10A 250V | TÜV 5A 250V | TÜV 5A 250V |
| Operating voltage limit (AC.V.rms)         | 400          | 400          | 400          | 250          | 250          | 250          | 250         | 250         |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000         | 2000         | 1800         | 1000         | 1000         | 1000         | 1000        | 1000        |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000         | 2000         | 2000         | 1000         | 1000         | 1000         | 1000        | 1000        |
| Contact resistance (mΩ MAX.) at DC 1A      | 3            | 3            | 3            | 5            | 5            | 5            | 3           | 3           |
| Solder internal diameter                   | 3.4          | 3.4          | 2.4          | 1.6          | 1.6          | 1.6          | 1.2         | 1.2         |

## Plug Female Contact



PLS-35◆-PF-R



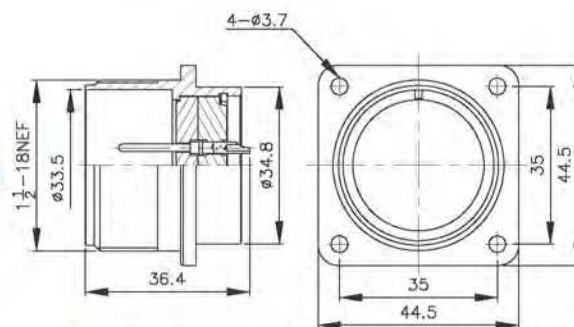
PLS-35◆-GPF6-R

6=轉接3/4"軟管  
Connected with 3/4" conduit

AMS25043-24A

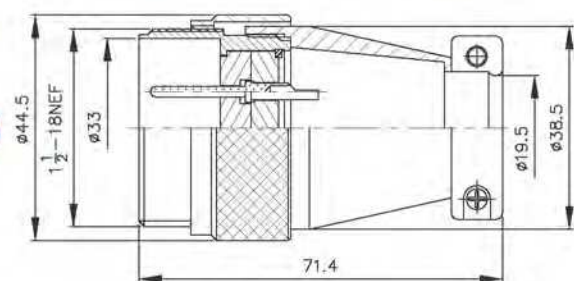
Material: Aluminum Alloy  
材質: 鋁合金

## Socket Male Contact

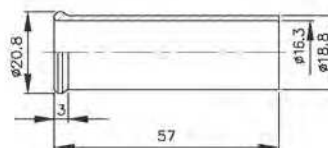


PLS-35◆-RM-R

## Adapter Male Contact



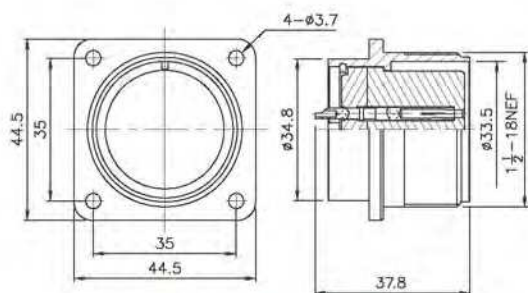
PLS-35◆-ADM-R



ACCESSORY: RUBBER TUBE FOR PLS-35◆-PF

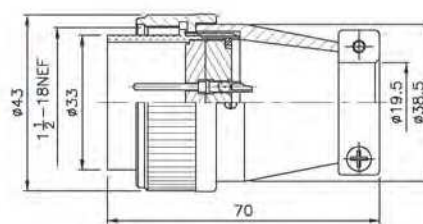
|                                            |         |  |  |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|--|--|
| ◆ No. of contacts                          | 24      |  |  |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |  |  |
| Rated current / voltage                    | 8A 250V |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       |  |  |  |  |  |  |  |
| Solder internal diameter                   | 1.8     |  |  |  |  |  |  |  |

## Socket Female Contact



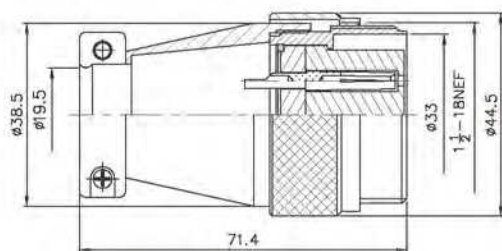
PLS-35◆-RF-R

## Plug Male Contact

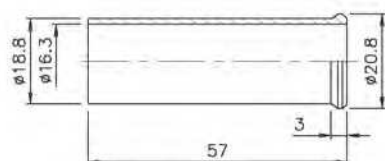
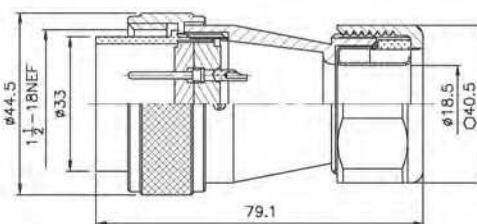


PLS-35◆-PM-R

## Adapter Female Contact



PLS-35◆-ADF-R

ACCESSORY:  
RUBBER TUBE FOR PLS-35◆-PM

PLS-35◆-GPM6-R

6=轉接3/4"軟管  
Connected with 3/4" conduit

AMS25043-24A

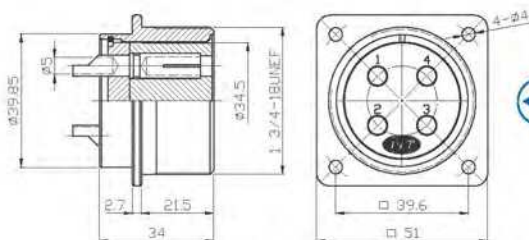
Material: Aluminum Alloy  
材質: 鋁合金

|                                            |                                                                                     |  |  |  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| ◆ No. of contacts                          | 24                                                                                  |  |  |  |  |  |  |  |
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 8A 250V                                                                             |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200                                                                                 |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000                                                                                |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000                                                                                |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   |  |  |  |  |  |  |  |
| Solder internal diameter                   | 1.8                                                                                 |  |  |  |  |  |  |  |



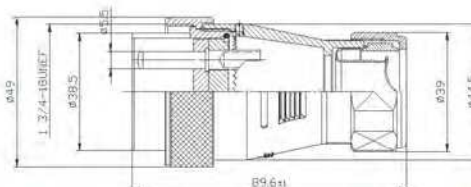
## PLS-41 Series

## Socket Female Contact



PLS-41 ◆-RF-R

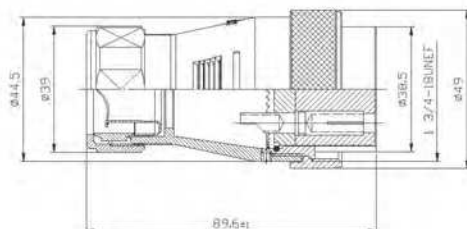
## Plug Male Contact



PLS-41 ◆-GPM6-R

6=轉接3/4"軟管  
Connected with 3/4" conduit

## Plug Female Contact

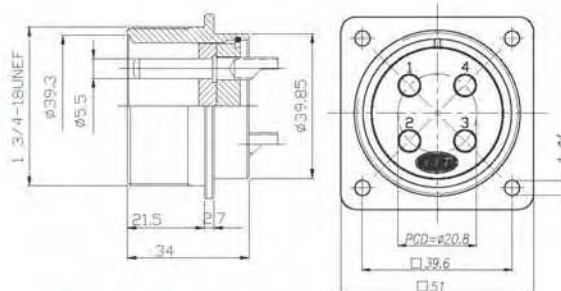


6=轉接3/4"軟管

Connected with 3/4" conduit

PLS-41 ◆-GPF6-R

## Socket Male Contact

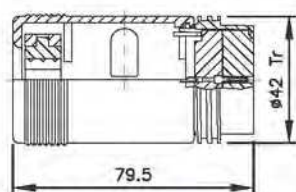
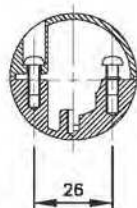


PLS-41 ◆-RM-R

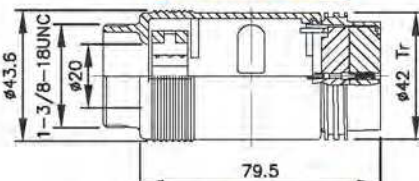
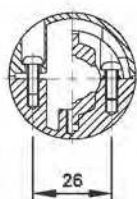
| ◆ No. of contacts                          | 4        | 8        |  |  |  |  |  |  |
|--------------------------------------------|----------|----------|--|--|--|--|--|--|
| Contacts Configuration                     |          |          |  |  |  |  |  |  |
| Rated current / voltage                    | 30A 250V | 15A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 500      | 400      |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2500     | 2000     |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2500     | 2000     |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        |  |  |  |  |  |  |
| Solder internal diameter                   | 5        | 3.5      |  |  |  |  |  |  |

### Plug male Contact

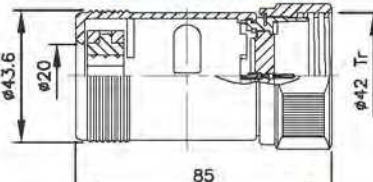
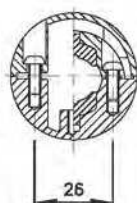
### Socket Female Contact



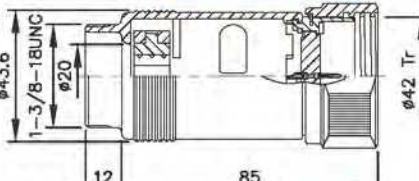
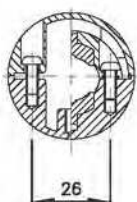
PLS-42◆-PF



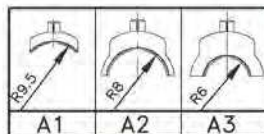
PLS-42◆-PF1



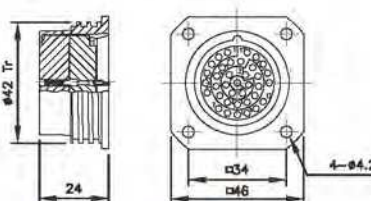
PLS-42◆-PM



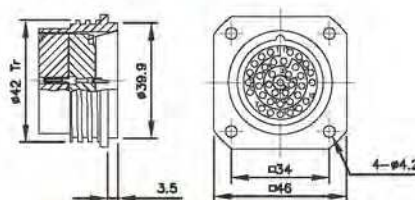
PLS-42◆-PM1



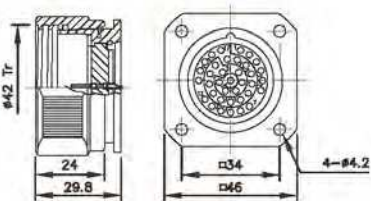
ACCESSORY : Cable clamp



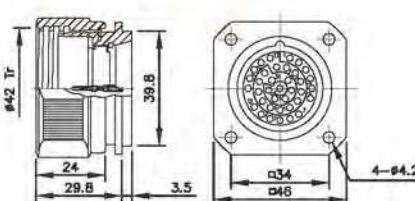
PLS-42◆-RF



PLS-42◆-RF1



PLS-42◆-RM



PLS-42◆-RM1

| No. of contacts                            | 7        | 37      |  |  |  |  |  |  |
|--------------------------------------------|----------|---------|--|--|--|--|--|--|
| Contacts Configuration                     |          |         |  |  |  |  |  |  |
| Rated current / voltage                    | 13A 250V | 5A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 500      | 500     |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 3000    |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000    |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3       |  |  |  |  |  |  |
| Solder internal diameter                   | 3.5      | 1.2     |  |  |  |  |  |  |



PLK-16 Series



PLK-16 Series



PLK-30 Series



WGP

防水電氣尼龍配管  
Waterproof Corrugated Nylon Tube



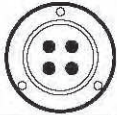
GP

防水防爆電氣配管  
Waterproof Explosionproof Tube  
with Steel Wire Braiding



CG

耐扭試電纜固定頭  
Flex Protecting Cable Glands



● ORDERING INFORMATION



● 圖一

|            |                                |         |           |                   |      |
|------------|--------------------------------|---------|-----------|-------------------|------|
| <b>PM</b>  | Plug Male                      | 插頭導針    | <b>RM</b> | Receptacle Male   | 插座導針 |
| <b>PF</b>  | Plug Female                    | 插頭導梢    | <b>RF</b> | Receptacle Female | 插座導梢 |
| <b>P</b>   | Plug                           | 插 頭     | <b>AD</b> | Adapter           | 中 繼  |
| <b>R</b>   | Receptacle<br>(Front mounting) | 插座(前裝式) | <b>Ca</b> | Cap               | 保護蓋  |
| <b>F</b>   | Female                         | 導 梢     | <b>RT</b> | Rubber tube       | 橡膠管  |
| <b>M</b>   | Male                           | 導 針     | <b>GP</b> | Conduit type      | 軟管式  |
| <b>WGP</b> | Nylon type                     | 尼龍管式    | <b>CG</b> | Cable glands      | 迫緊頭  |

● MATERIAL & FINISH

Kindly refer to the below column for material & finish when ordering

| Description     | Material                                                                                            | Finish                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Shell / 外殼、本體   | • Stainless Steel / 不鏽鋼<br>• Zinc alloy Die Casting / 鋅合金壓鑄<br>• Aluminum alloy Die Casting / 鋁合金壓鑄 | • Chrome-plated / 鍍鉻<br>• Gold-plated / 鍍金<br>• Nickel-plated / 鍍鎳<br>• Silver-plated / 鍍銀 |
| Insulator / 絕緣體 | • Bakelite / 電木<br>• Delrin / 塑鋼<br>• Teflon / 鐵氟龍                                                  |                                                                                            |
| Contact / 接點    | • Copper / 銅<br>• Phosphor Copper / 磷青銅<br>• Beryllium Copper / 鈹銅                                  | • Gold-plated / 鍍金<br>• Nickel-plated / 鍍鎳<br>• Silver-plated / 鍍銀                         |

- ⚠ **WARNING** : Electric Shock Hazard, Do Not Hot Plugging.
- ⚠ 警告：為避免觸電，通電狀態下禁止插拔電源線連接器。
- ⚠ 警告：感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。



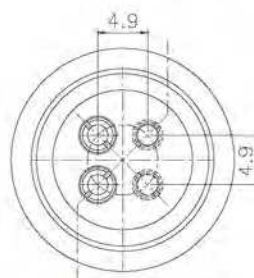
## PLK-16 Series

## Socket Male Contact

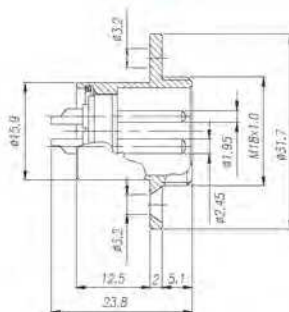
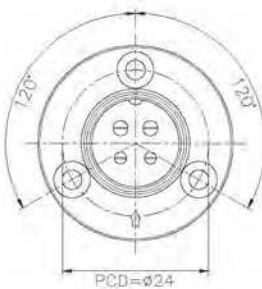
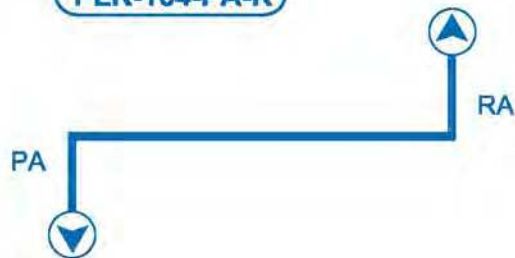
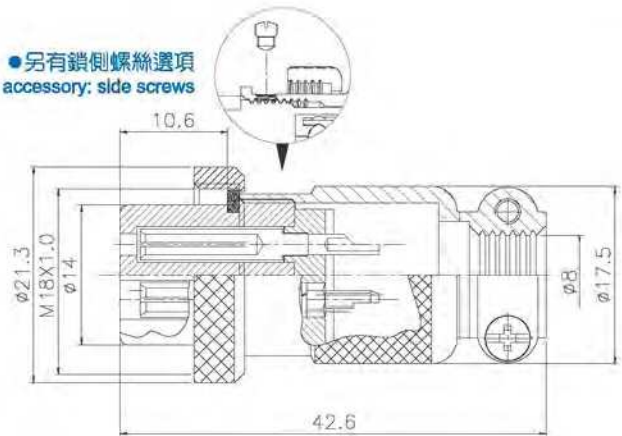
## Plug Female Contact



●另有鎖側螺絲選項  
Optional accessory: side screws



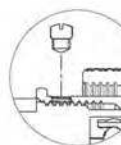
PLK-164-PA-R



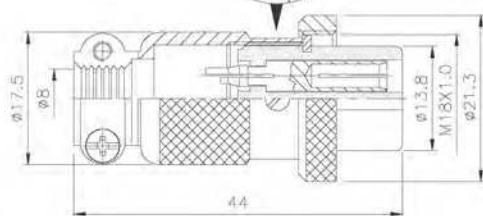
PLK-164-RA-R

| ◆ No. of contacts                          | 4       |  |  |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|--|--|
| Contacts Configuration                     |         |  |  |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V |  |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200     |  |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    |  |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000    |  |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       |  |  |  |  |  |  |  |

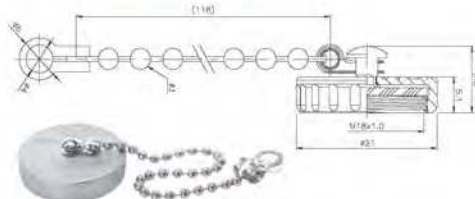
### Socket Male Contact



- 另有鎖側螺絲選項  
Optional accessory: side screws

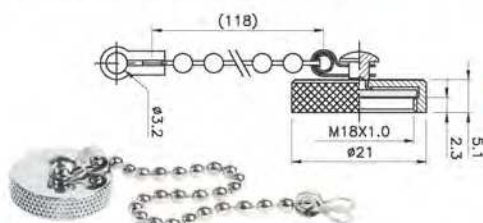


PLK-16◆-P-R



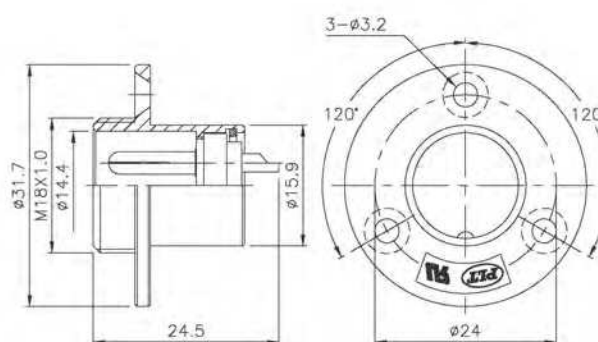
**PLK-16C-RCaC-R**

Material: Zinc Alloy  
材質: 鋅合金



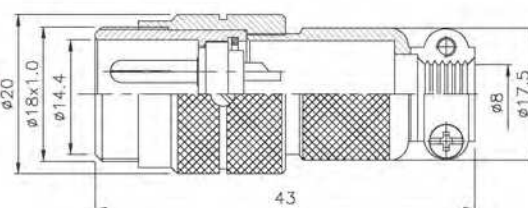
**PLK-16-RCa-R**

Material: Brass  
材質:銅



PLK-16◆-R-R

### Adapter Male Contact

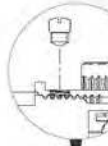


PLK-16◆-AD-R

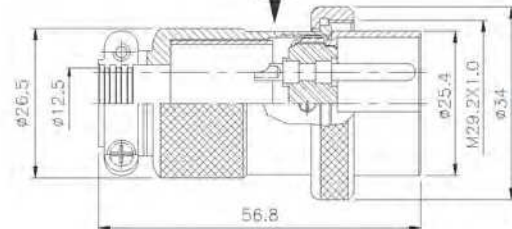
| No. of contacts                            | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                    |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|--|--|
| Contacts Configuration                     |  |  |  |  |  |  |  |  |
| Rated current / voltage                    | 5A 125V                                                                             | 5A 125V                                                                             | 5A 125V                                                                             | 5A 125V                                                                              |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 200                                                                                 | 200                                                                                 | 200                                                                                 | 200                                                                                  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000                                                                                | 1000                                                                                | 1000                                                                                | 1000                                                                                 |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000                                                                                | 1000                                                                                | 1000                                                                                | 1000                                                                                 |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3                                                                                   | 3                                                                                   | 3                                                                                   | 3                                                                                    |  |  |  |  |
| Solder internal diameter                   | 1.5                                                                                 | 1.5                                                                                 | 1.5                                                                                 | 1.3                                                                                  |  |  |  |  |

## Plug Male Contact

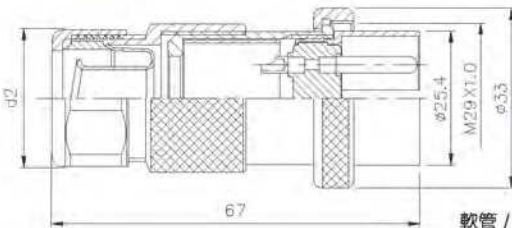
## Socket Female Contact



●另有鎖側螺絲選項  
Optional accessory: side screws



PLK-30-PM-R

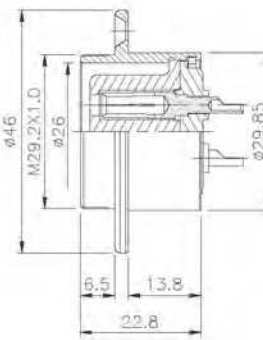
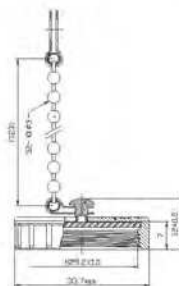
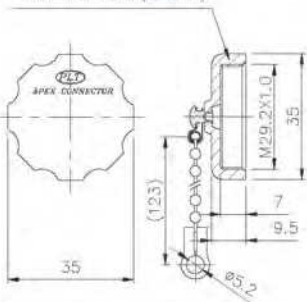


PLK-30-GPM-R

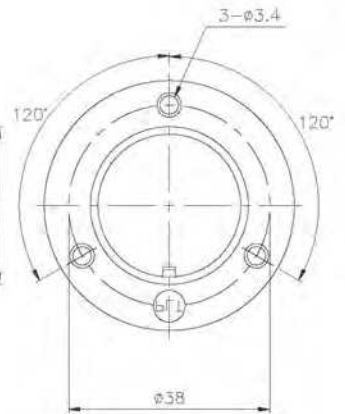
軟管 / Conduit

|   |         |       |       |
|---|---------|-------|-------|
| 3 | 3/8" 軟管 | d1    | d2    |
| 4 | 1/2" 軟管 | d1    | d2    |
|   |         | Ø10.8 | Ø26.3 |
|   |         | Ø14.3 | Ø31.2 |

MATERIAL: ABS(BLACK)



PLK-30-RF-R



PLT-30A-RCa-R

Material: Plastic  
材質: 塑膠



PLT-30C-RCa-R

Material: Zinc Alloy  
材質: 鋅合金



PAT A-591PX

Material: Plastic  
材質: 塑膠

| ◆ No. of contacts                          | 4        | 7        |  |  |  |  |  |  |
|--------------------------------------------|----------|----------|--|--|--|--|--|--|
| Contacts Configuration                     |          |          |  |  |  |  |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V |  |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      |  |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 1800     |  |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     |  |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        |  |  |  |  |  |  |
| Solder internal diameter                   | 3.5      | 3        |  |  |  |  |  |  |



WPM16A Series



WPM16C Series



WPM-19 Series



WPM-19 Series



WPM-20 Series



WPM-20 Series



WPM-21 Series



WPM-21 Series



WPM-223 Series



WPM-305A Series



WPM-24 Series



WPM-1814 / WPM-3831



WGP

防水電氣尼龍配管  
Waterproof Corrugated Nylon Tube



GP

防水防爆電氣配管  
Waterproof Explosionproof Tube  
with Steel Wire Braiding



CG

耐扭試電纜固定頭  
Flex Protecting Cable Glands



## ORDERING INFORMATION

### WPM-202-RM-R

RoHS 2.0 COMPLIANT 歐盟環保指令

CONNECTOR TYPE 连接器類型

NO. OF CONTACTS Pin 數

NO. OF SERIES 機種系列

NAME OF SERIES 系列名稱

| P:PLUG | R:Receptacle | F:Female | M:Male |
|--------|--------------|----------|--------|
| 插頭     | 插座           | 導梢       | 導針     |

**⚠ WARNING :** Electric Shock Hazard, Do Not Hot Plugging.

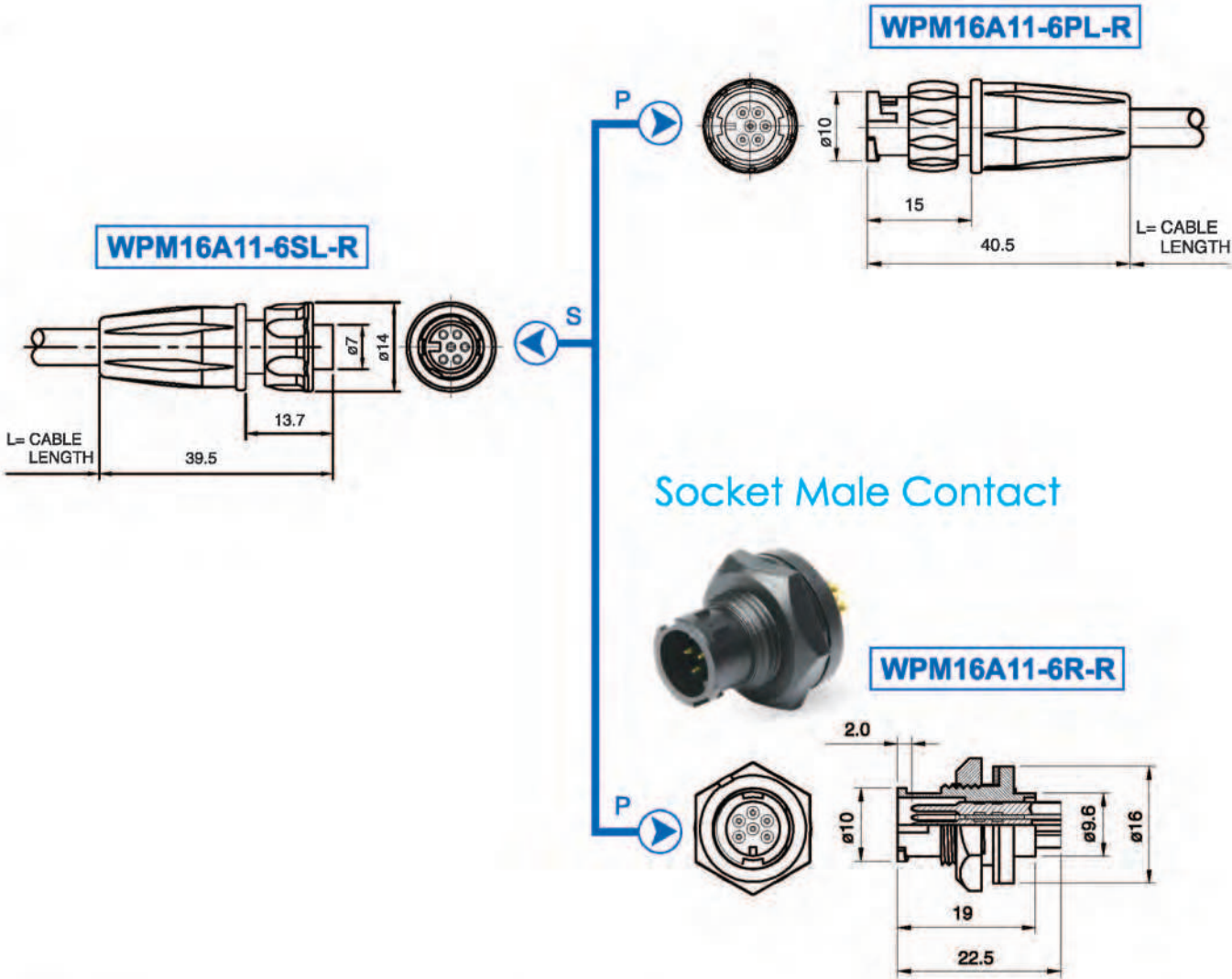
**⚠ 警告 :** 為避免觸電, 通電狀態下禁止插拔電源線连接器。

**⚠ 警告 :** 感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。

Plug Female Contact



Plug Male Contact



|                                            |         |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|
| No. of contacts                            | 6       |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |
| Rated voltage                              | 125V AC |  |  |  |  |  |
| Rated current                              | 3A      |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 300     |  |  |  |  |  |

Waterproof Connector

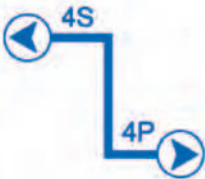
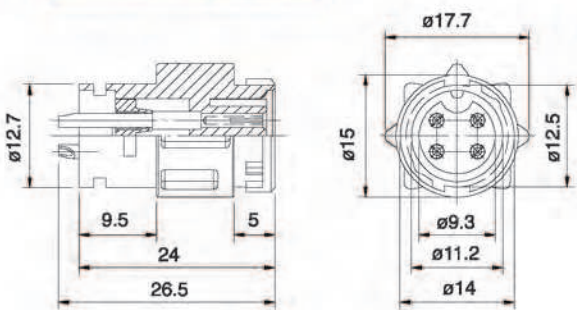


Plug Female Contact

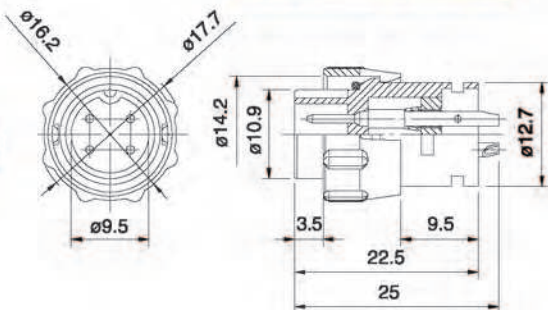
Plug Male Contact



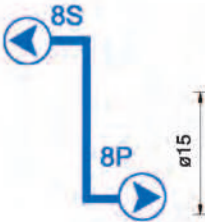
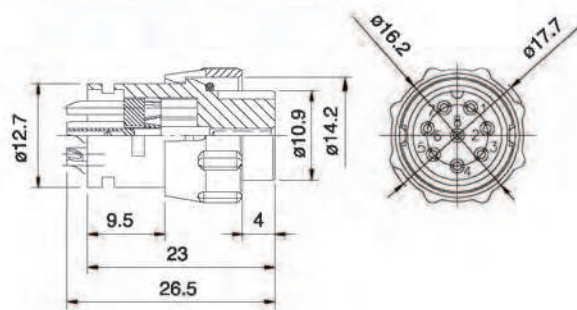
WPM16C12-4S-R



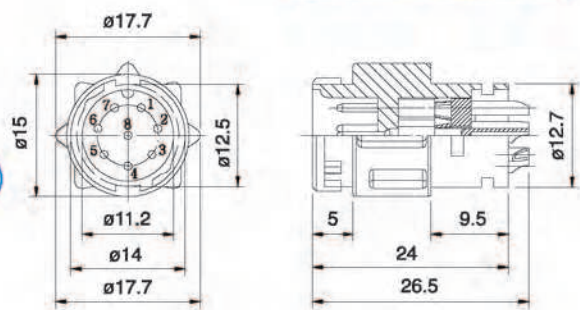
WPM16C12-4P-R



WPM16C12-8S-R



WPM16C12-8P-R



5  
WPM SERIES

| ◆ No. of contacts                          | 4       | 8       |  |  |  |  |
|--------------------------------------------|---------|---------|--|--|--|--|
| Contacts Configuration                     |         |         |  |  |  |  |
| Rated voltage                              | 125V AC | 125V AC |  |  |  |  |
| Rated current                              | 3A      | 3A      |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000    | 1000    |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100     | 100     |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       |  |  |  |  |

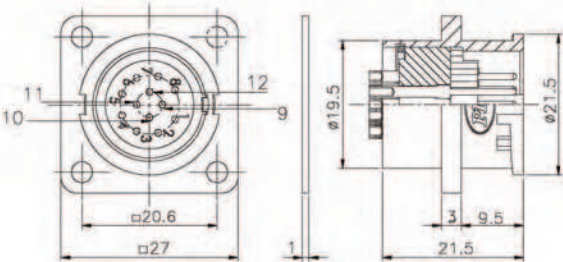


Socket Male Contact

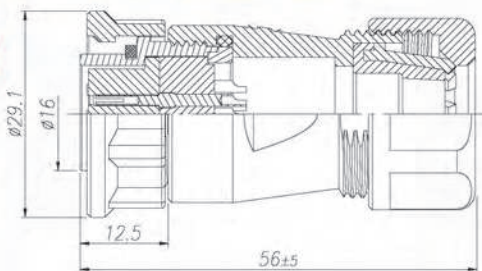
Plug Female Contact



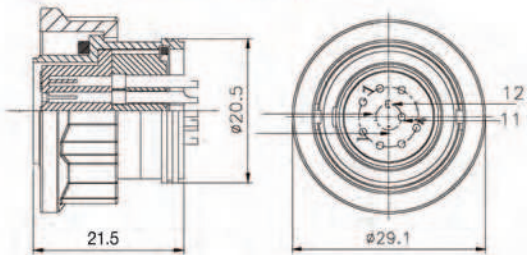
WPM-19-**RM-R**



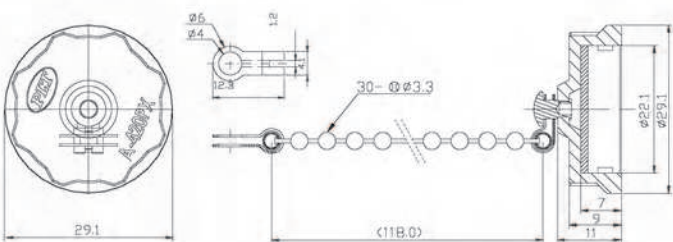
WPM-19-**SPF-R**



WPM-19-**PF-R**



WPM-19-**RCa-R**



| No. of contacts                            | 8       | 12      |  |  |  |  |
|--------------------------------------------|---------|---------|--|--|--|--|
| Contacts Configuration                     |         |         |  |  |  |  |
| Rated voltage                              | 125V AC | 125V AC |  |  |  |  |
| Rated current                              | 5A      | 5A      |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 125     | 125     |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 300     | 300     |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100     | 100     |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10      | 10      |  |  |  |  |
| Solder internal diameter                   | 1.2     | 1.2     |  |  |  |  |

19

Waterproof Connector

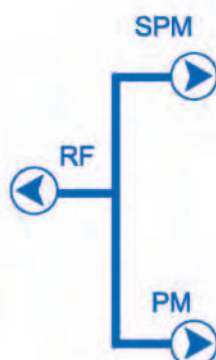
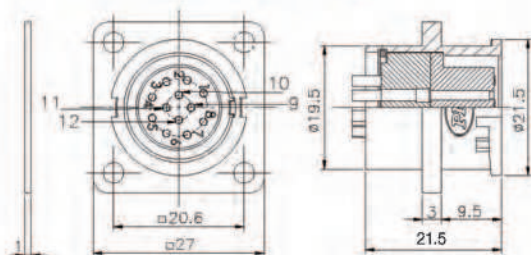
IP67

## Socket Female Contact

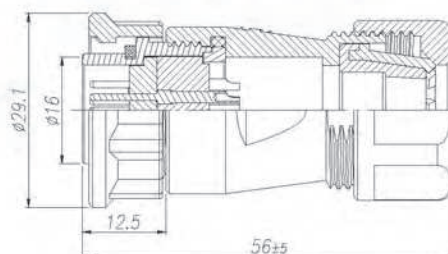
## Plug Male Contact



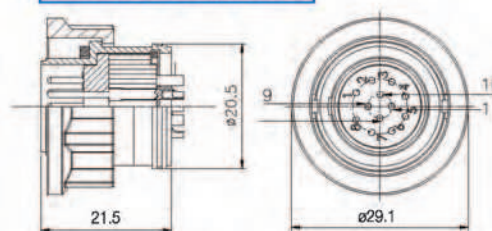
WPM-19◆-RF-R



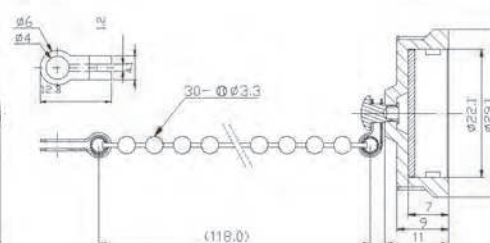
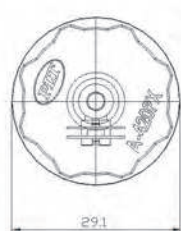
WPM-19◆-SPM-R



WPM-19◆-PM-R



WPM-19◆-RCa-R

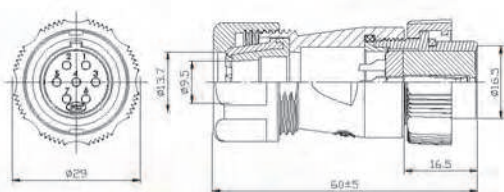
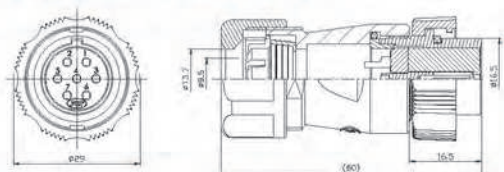
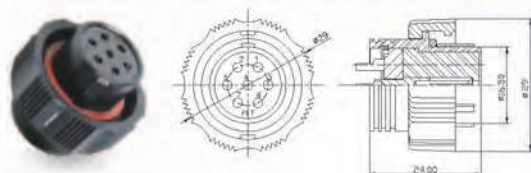
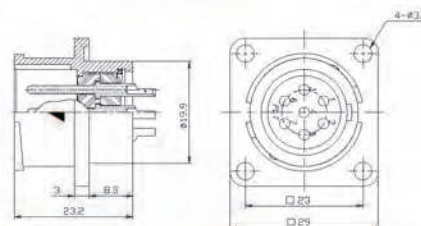
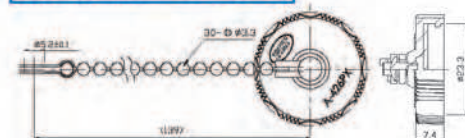


| ◆ No. of contacts                          | 8                                                                                   | 12                                                                                  |  |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Contacts Configuration                     |  |  |  |  |  |  |
| Rated voltage                              | 125V AC                                                                             | 125V AC                                                                             |  |  |  |  |
| Rated current                              | 5A                                                                                  | 5A                                                                                  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 125                                                                                 | 125                                                                                 |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 300                                                                                 | 300                                                                                 |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 100                                                                                 | 100                                                                                 |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 10                                                                                  | 10                                                                                  |  |  |  |  |
| Solder internal diameter                   | 1.2                                                                                 | 1.2                                                                                 |  |  |  |  |

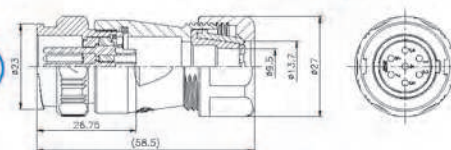
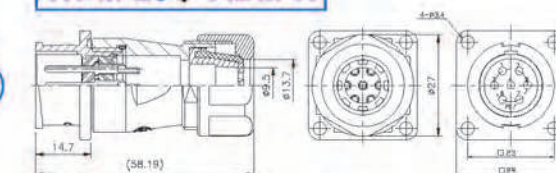


## Plug Female Contact

## Socket Male Contact

**WPM-20-SPF-R****WPM-20-WSPF2.5-R**2.5=轉接5/16"尼龍管  
Connected with 5/16" nylon tube**WPM-20-PF-R****WPM-20-RCa-R****WPM-20-RM-R**

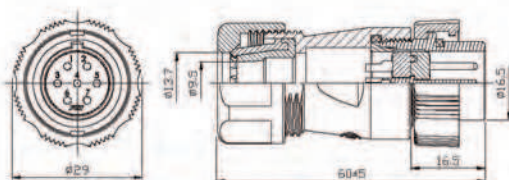
## Adapter Male Contact

**WPM-20-ADM-R****WPM-20-ADMA-R**

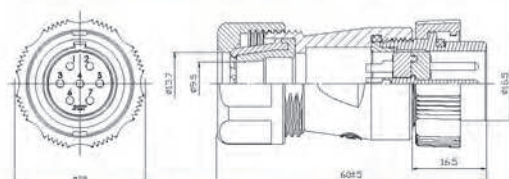
| No. of contacts                            | 2       | 3       | 4       | 5       | 7       | 12      |
|--------------------------------------------|---------|---------|---------|---------|---------|---------|
| Contacts Configuration                     |         |         |         |         |         |         |
| Rated voltage                              | 250V AC | 250V AC | 250V AC | 250V AC | 250V AC | 250V AC |
| Rated current                              | 15A     | 15A     | 15A     | 15A     | 10A     | 5A      |
| Operating voltage limit (AC.V.rms)         | 250     | 250     | 250     | 250     | 250     | 250     |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500    | 1500    | 1500    | 1500    | 1500    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000    | 2000    | 2000    | 2000    | 2000    | 1000    |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       | 3       | <5      | 3       | 5       |
| Solder internal diameter                   | 1.8     | 1.8     | 1.6     | 1.6     | 1.6     | 1.2     |

## Plug Male Contact

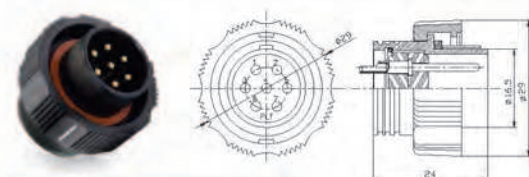
## Socket Female Contact



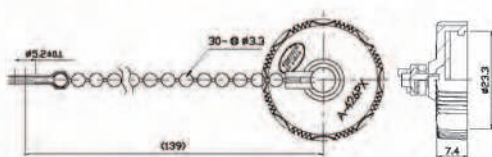
WPM-20-SPM-R



WPM-20-WSPM2.5-R

2.5=轉接5/16"尼龍管  
Connected with 5/16" nylon tube

WPM-20-PM-R

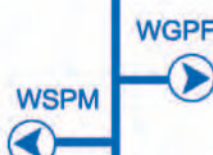


WPM-20-RCa-R



WPM-20-RF-R

## Plug Female Contact



WPM-20-WGPF2.5-R

2.5=轉接5/16"尼龍管  
Connected with 5/16" nylon tube

## Adapter Female Contact



WPM-20-ADF-R



WPM-20-ADFA-R

| ◆ No. of contacts                          | 2       | 3       | 4       | 5       | 7       | 12      |
|--------------------------------------------|---------|---------|---------|---------|---------|---------|
| Contacts Configuration                     |         |         |         |         |         |         |
| Rated voltage                              | 250V AC | 250V AC | 250V AC | 250V AC | 250V AC | 250V AC |
| Rated current                              | 15A     | 15A     | 15A     | 15A     | 10A     | 5A      |
| Operating voltage limit (AC.V.rms)         | 250     | 250     | 250     | 250     | 250     | 250     |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500    | 1500    | 1500    | 1500    | 1500    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000    | 2000    | 2000    | 2000    | 2000    | 1000    |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       | 5       | <5      | 3       | 5       |
| Solder internal diameter                   | 1.8     | 1.8     | 1.6     | 1.6     | 1.6     | 1.2     |

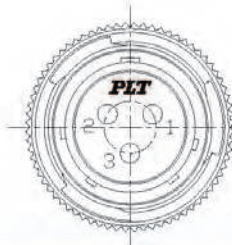
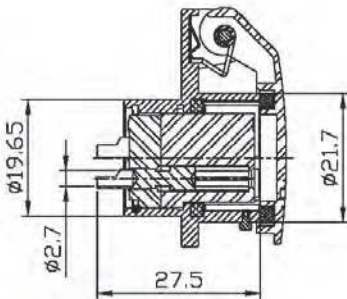
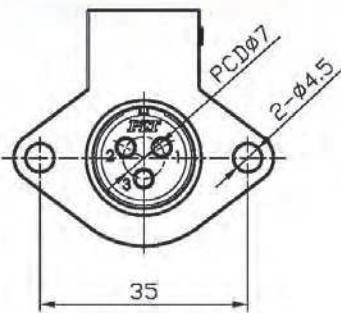


Socket Female Contact

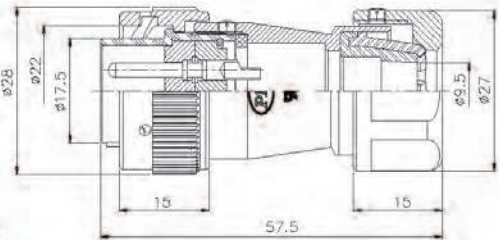
Plug Male Contact



WPM-21--RF-R



WPM-21--PM-R



|                                            |         |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|
| No. of contacts                            | 3       |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |
| Rated voltage                              | 250V AC |  |  |  |  |  |
| Rated current                              | 15A     |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 250     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 1500    |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       |  |  |  |  |  |

21

## Waterproof Connector

IP68

## Plug Female Contact

## Socket Male Contact

Cable Glands

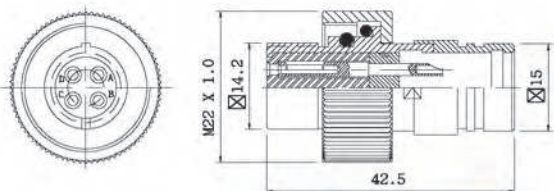


Cable Clamp

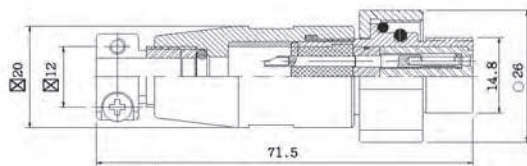
SHELL: STAINLESS STEEL  
(不銹鋼)

5

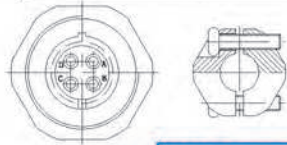
WPM SERIES



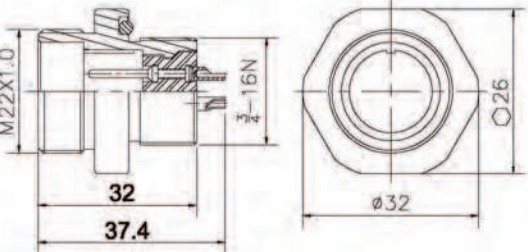
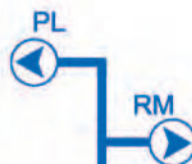
WPM-21-PL-R



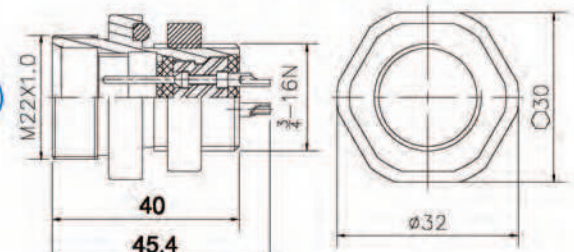
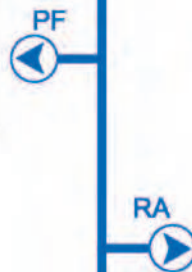
WPM-21-PF-R



WPM-21-RCa-R



WPM-21-RM-R



WPM-21-RA-R

|                                            |         |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|
| ◆ No. of contacts                          | 4       |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |
| Rated voltage                              | 250V AC |  |  |  |  |  |
| Rated current                              | 15A     |  |  |  |  |  |
| Operating voltage limit (AC.V.rms)         | 250     |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1500    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       |  |  |  |  |  |
| Solder internal diameter                   | 1.5     |  |  |  |  |  |

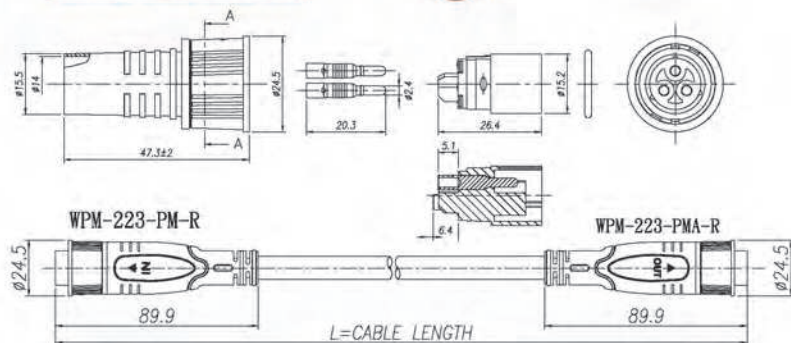


## Plug Male Contact

## Socket Female Contact

WPM-223-PM-R

WPM-223-RF-R

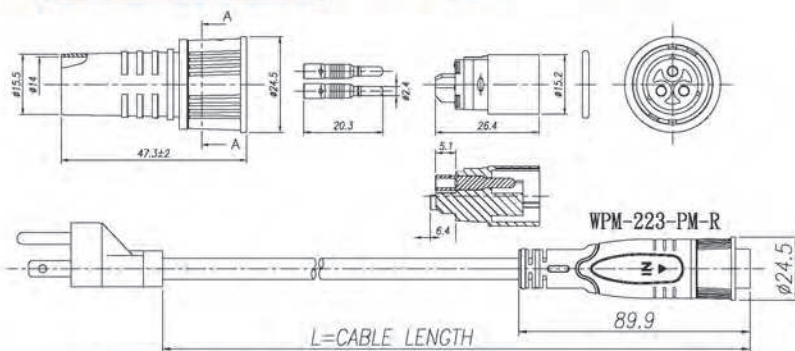


No. Electrical Specification

|   |                                            |                     |
|---|--------------------------------------------|---------------------|
| 1 | Insulation resistance (MΩ MIN.) at DC 500V | ≥ 100MΩ at DC500V   |
| 2 | Withstanding voltage (AC.V.rms) 1 minute   | ≥ AC600V / 1 Minute |

WPM-223-PMA-R

WPM-223-RFA-R



No. Electrical Specification

|   |                                            |                     |
|---|--------------------------------------------|---------------------|
| 1 | Insulation resistance (MΩ MIN.) at DC 500V | ≥ 100MΩ at DC500V   |
| 2 | Withstanding voltage (AC.V.rms) 1 minute   | ≥ AC300V / 1 Minute |

|                                            |         |  |  |  |  |  |
|--------------------------------------------|---------|--|--|--|--|--|
| No. of contacts                            | 3       |  |  |  |  |  |
| Contacts Configuration                     |         |  |  |  |  |  |
| Rated voltage                              | 600V AC |  |  |  |  |  |
| Rated current                              | 23A     |  |  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000    |  |  |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 5000    |  |  |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       |  |  |  |  |  |

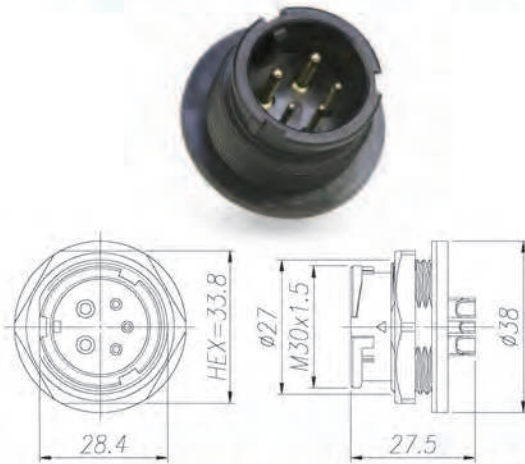
30

Waterproof Connector

IP67

## Socket Male Contact

## Plug Female Contact



WPM-305A-RM-R

RM

PF

WPM-305A-PF-R

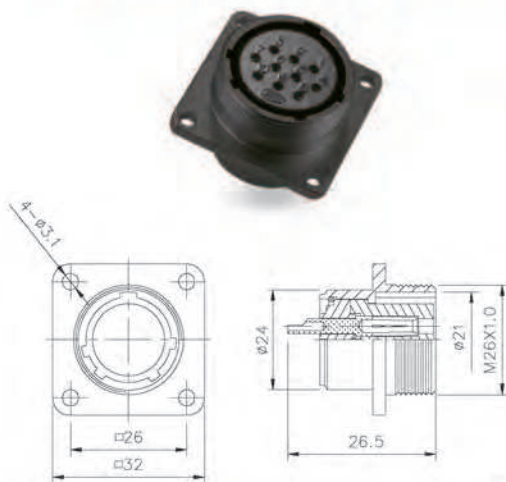
|                                            |          |
|--------------------------------------------|----------|
| No. of contacts                            | 5        |
| Contacts Configuration                     |          |
| Rated voltage                              | 250V AC  |
| Rated current                              | 5A / 20A |
| Operating voltage limit (AC.V.rms)         | 250      |
| Withstanding voltage (AC.V. rms) 1 minute  | 1000     |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000     |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        |

|                                            |         |         |
|--------------------------------------------|---------|---------|
| No. of contacts                            | 5       | 10      |
| Contacts Configuration                     |         |         |
| Rated voltage                              | 250V AC | 250V AC |
| Rated current                              | 15A     | 10A     |
| Operating voltage limit (AC.V.rms)         | 400     | 250     |
| Withstanding voltage (AC.V. rms) 1 minute  | 1800    | 1000    |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000    | 2000    |
| Contact resistance (mΩ MAX.) at DC 1A      | 3       | 3       |
| Solder internal diameter                   | 2.8     | 1.6     |

## Socket Female Contact

## Plug Male Contact

IP67



Cable Glands

WPM-24-PM-R

RF

PM

PLS-24-RF-R

OEM / ODM

WPM SERIES 5



Plug Female Contact

**WPM-1814-PF**



Socket Male Contact

**WPM-1814-RM**



Plug Male Contact

**WPM-1814-PM**



Socket Female Contact

**WPM-1814-RF**

IPO / OEM / ODM



Plug Male Contact

**WPM-3831-PM**



Socket Female Contact

**WPM-3831-RF**

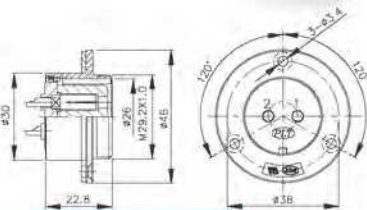
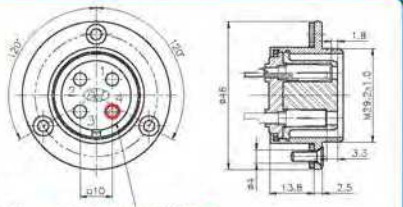
30

## Waterproof Connector



## Socket Female Contact

## Plug Male Contact

PLT-30- $\diamond$ -RF-R

\*註一：孔位4號為接地線  
Note: position 4 is for earth wire

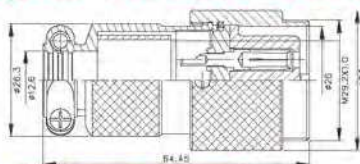
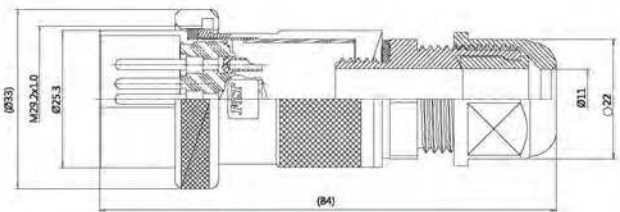
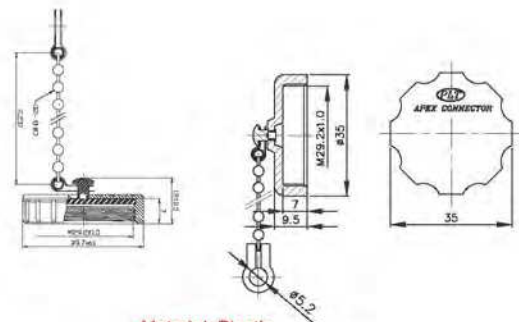
PLT-304E-RF-R



\*註一：孔位7號為接地線  
Note: position 7 is for earth wire

PLT-307E-RF-R

## Adapter Female Contact

PLT-30- $\diamond$ -ADF-RWPS-30- $\diamond$ -PM-R

Material: Plastic  
材質: 塑膠

PLT-30A-RCa-R



Material: Plastic  
材質: 塑膠

PAT A-591PX



Material: Zinc Alloy  
材質: 鋅合金

PLT-30C-RCa-R

| No. of contacts                            | 2        | 3        | 4        | 5        | 7        | 8        |  |  |
|--------------------------------------------|----------|----------|----------|----------|----------|----------|--|--|
| Contacts Configuration                     |          |          |          |          |          |          |  |  |
| Rated current / voltage                    | 15A 250V | 15A 250V | 15A 250V | 15A 250V | 15A 250V | 10A 250V |  |  |
| Operating voltage limit (AC.V.rms)         | 400      | 400      | 400      | 400      | 400      | 300      |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 2000     | 2000     | 2000     | 1800     | 1800     | 1800     |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 2000     | 2000     | 2000     | 2000     | 2000     | 2000     |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 3        | 3        | 3        | 3        | 3        | 3        |  |  |
| Solder internal diameter                   | 2.8      | 2.8      | 2.8      | 2.8      | 2        | 2.5      |  |  |



## PLP Series 重载连接器

## ● ORDERING INFORMATION

**PLP-116A-16B**

16B : 16 POLE HOOD  
 16C : 16 POLE HOUSING  
 24B : 24 POLE HOOD  
 24C : 24 POLE HOUSING

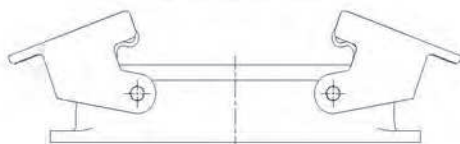
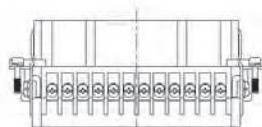
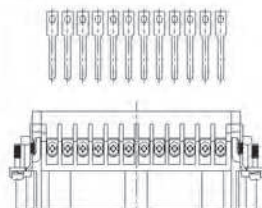
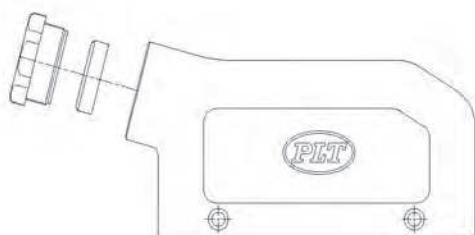
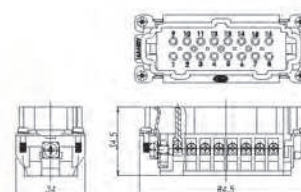
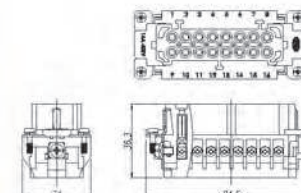
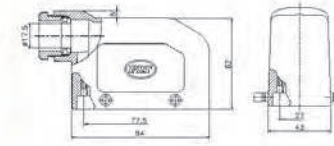
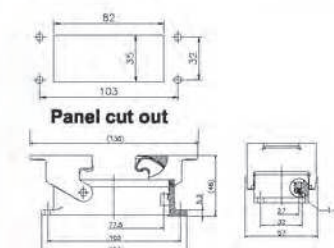
16M : 16 POLE MALE INSERT  
 16F : 16 POLE FEMALE INSERT  
 24M : 24 POLE MALE INSERT  
 24F : 24 POLE FEMALE INSERT

NUMBER OF CONTACTS 接点数量

NAME OF SERIES 系列名稱



|                                            |             |
|--------------------------------------------|-------------|
| Rated current                              | 16A max     |
| Rated voltage                              | 380~450V    |
| Withstanding voltage (AC.V. rms) 1 minute  | 3000V       |
| Contact resistance (mΩ MAX.) at DC 1A      | 1 mΩ        |
| Insulation resistance (MΩ MIN.) at DC 500V | 5000 mΩ     |
| Water protection                           | IP65        |
| Temperature range                          | -40°C~125°C |

**MALE INSERT  
PLP-116A-16M****FEMALE INSERT  
PLP-116A-16F****HOODS  
PLP-116A-16B****HOUSING  
PLP-116A-16C**

**⚠ WARNING :** Electric Shock Hazard, Do Not Hot Plugging.

**⚠ 警告 :** 为避免触电, 通电状态下禁止插拔电源连接器。

**⚠ 警告 :** 感電の恐れがありますので、通電中に電源コードの挿抜を行わないでください。

## PLP Series

COMPLEX SERIES 7



PLP-124B-24B-PM

PLP-124B-24B-PF

PLP-124C-24B-PM

PLP-124C-24B-PF



PLP-116A-PM



PLP-124A-PM



PLP-116A-RF



PLP-124A-RF



PLP-124B-24B+

PLP-124B-24C



PLP-124B-24B-PF+

PLP-124HI-24C-RM



PLP-124B-24B-PF+

PLP-124A-RM



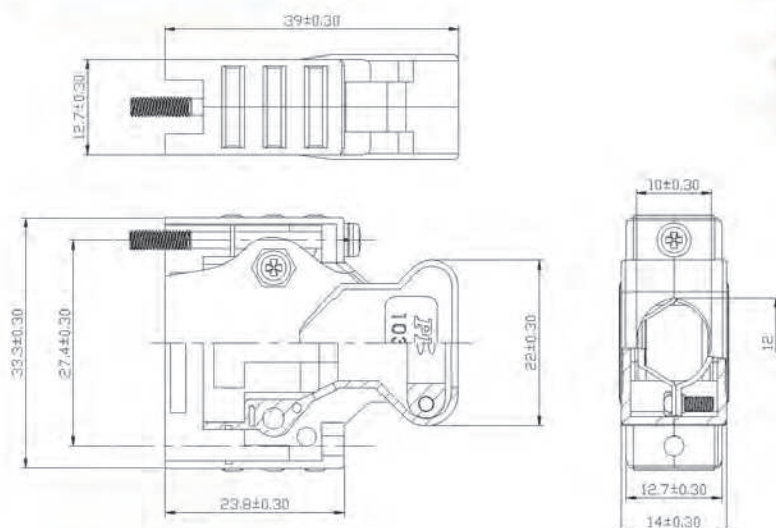
PLP-124A-24F+

PLP-124A-24M

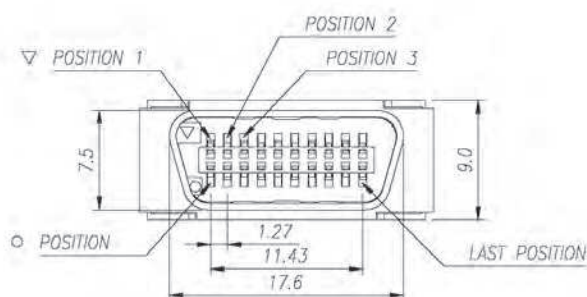
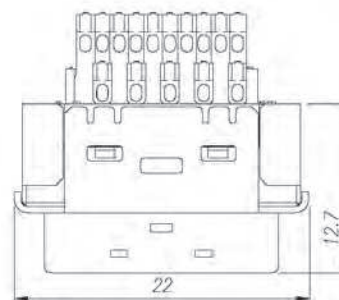
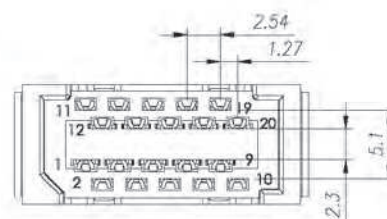
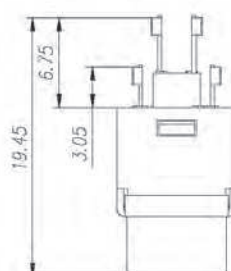
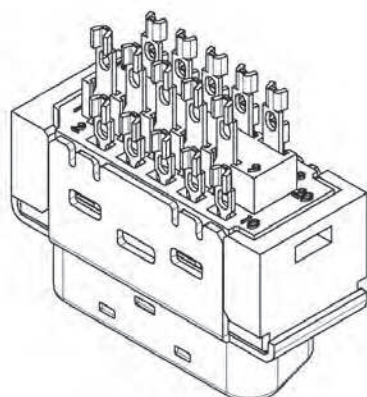
## PLP-141P20 Series

## PLP Series

## PLP-141P20A

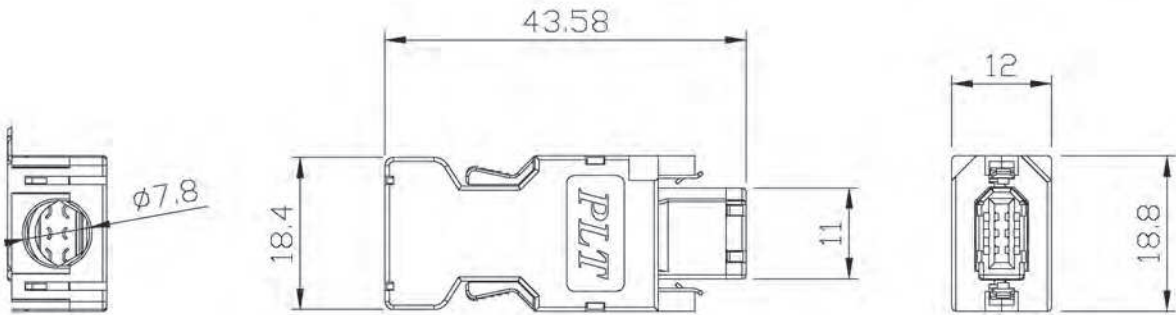
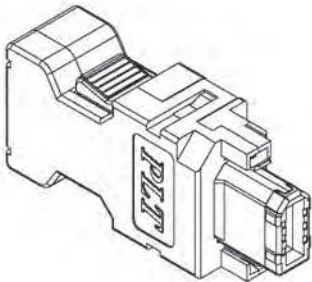
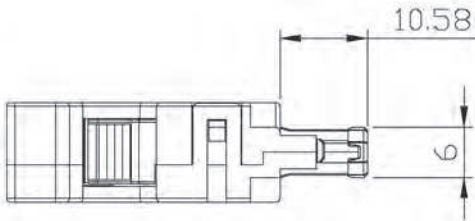


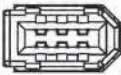
## PLP-141P20B



|                                            |                                                                                     |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
| No. of contacts                            | 20                                                                                  |  |  |  |
| Contacts Configuration                     |  |  |  |  |
| Rated current                              | 1A                                                                                  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 500                                                                                 |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | >1x10 <sup>8</sup> Ω                                                                |  |  |  |

PLP-154P6-R



|                                            |                                                                                     |  |  |  |
|--------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|
| No. of contacts                            | 6                                                                                   |  |  |  |
| Contacts Configuration                     |  |  |  |  |
| Rated current                              | 1A                                                                                  |  |  |  |
| Withstanding voltage (AC.V. rms) 1 minute  | 350                                                                                 |  |  |  |
| Insulation resistance (MΩ MIN.) at DC 500V | 1000                                                                                |  |  |  |
| Contact resistance (mΩ MAX.) at DC 1A      | 20                                                                                  |  |  |  |

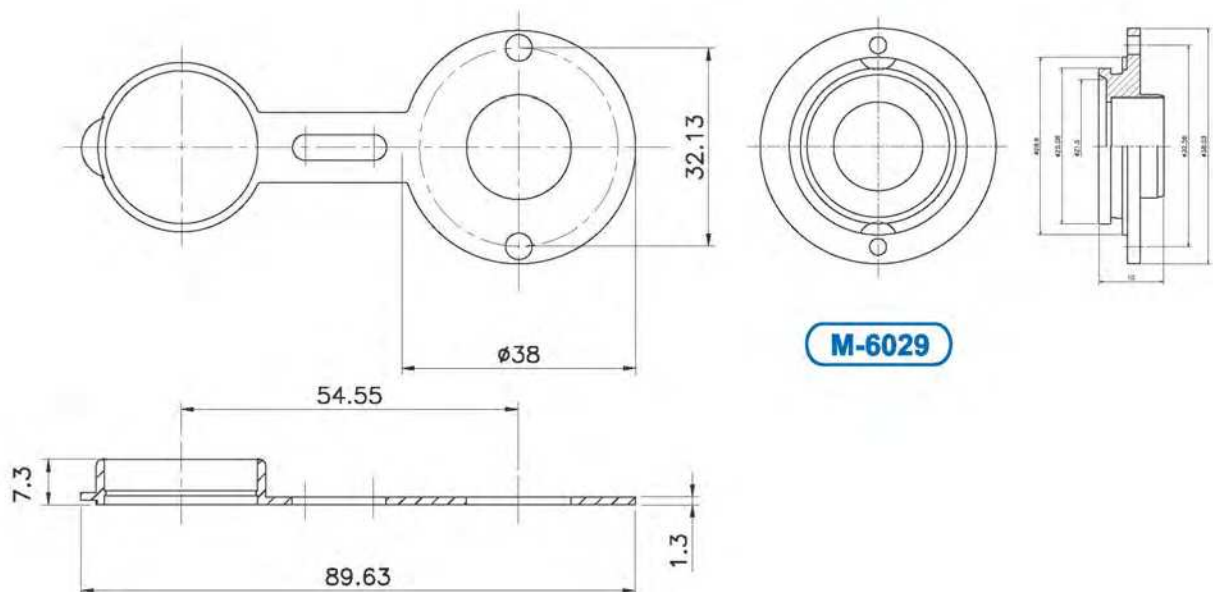
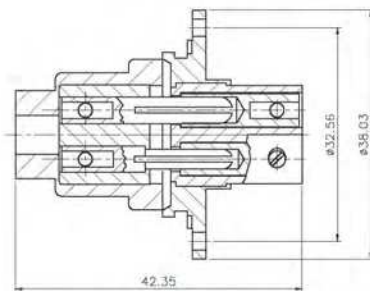
M-6029 Series

Plug Male Contact

Socket Female Contact



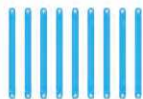
M-6029



7

COMPLEX SERIES - M SERIES

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