

 航太 Aviation
  軍規 Mil Spec
  汽車 Automobile
  能源 Energy
  船舶 Boats
  軌道 Rails
  醫療 Medical

APEX CONNECTORS

Innovative Research
 Diversified Development
 Technical Production
 Quality Service

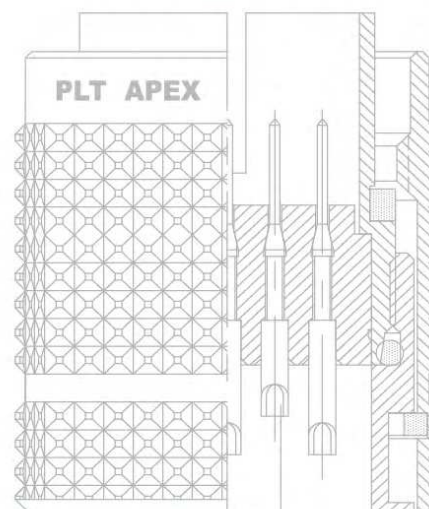


PLT Trademark Quality Assurance



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。

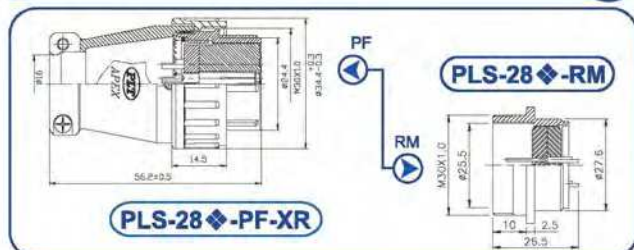
- 汚染の少ない製品作り
- 製造プロセスでは環境汚染を下げる
- すべての廃棄物は回収または再利用する
- 地球環境保護のため、気力を持って貢献する
- 環境保護発展の仕事を持続する

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。

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

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

● 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 **IP65** **IP67** **IP68**

APEX CONNECTOR



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

● 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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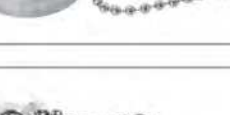
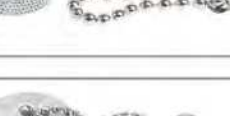
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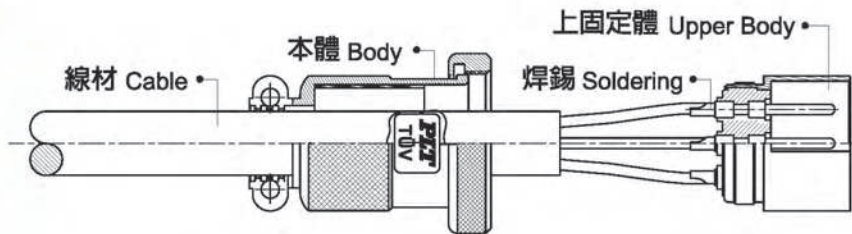
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 PAT	防塵蓋(塑膠) Dust Cap(Plastic) A-590PX A-591PX	2-16、2-17 2-19、2-20 2-21、4-5 6-1
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線材穿過本體 Cable goes through the body



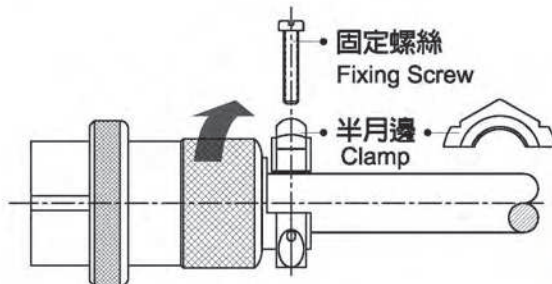
使用夾具將接頭夾持住，線材裸線與上固定體的接觸體缺口進行焊線加工
Using the clamp to fix the connector, doing soldering assembly between the bar wire and upper body.



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。

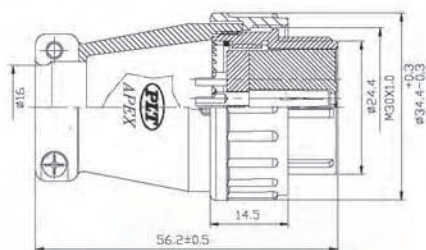
While separating plug and receptacle, please have no. ① cup to rotate according to the direction as no. ③ specified. Then pull no. ② body to remove the plug and receptacle.



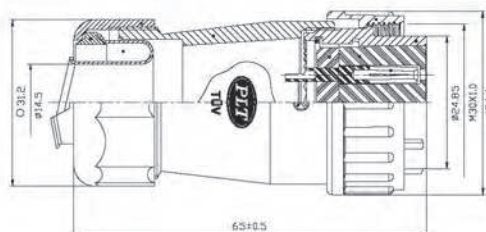
(注意! ①固定帽未旋開，勿轉動②本體，①固定帽鬆開後方可拉出。切記! 請勿直接旋開②本體，避免線材因扭轉導致斷裂)
Notice !! Don't screw off the body itself, in case the cable would be broken while twisting

Instruction

Plug Female Contact

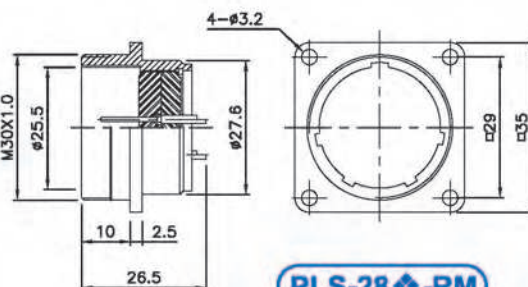


PLS-28◆-PF X-R

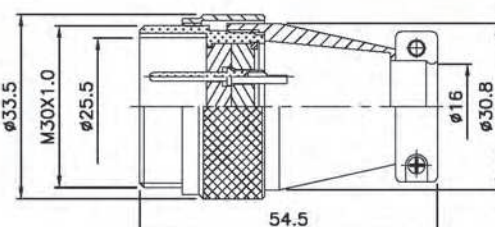


PLS-28◆-GPF X-R

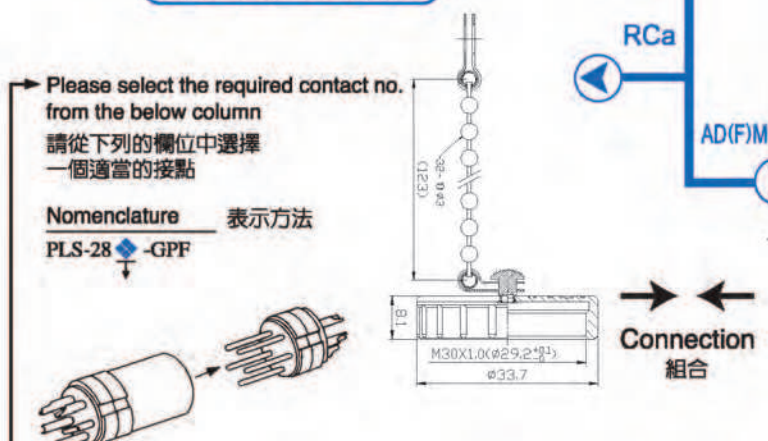
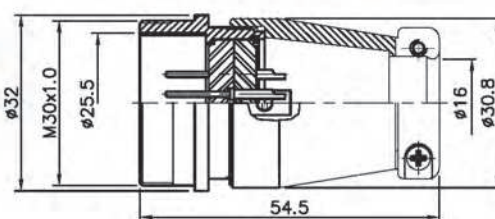
Socket Male Contact



PLS-28◆-RM



PLS-28◆-ADM



● The assembly may not be proceeded when the direction of arrows are identical.
此外，當箭頭的方向相同時，則無法組合

(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



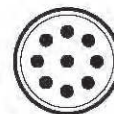
GP

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



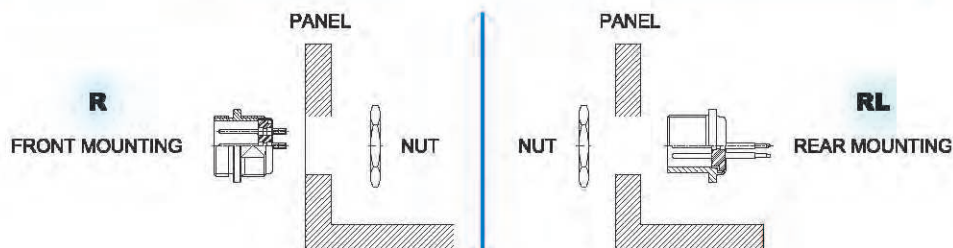
ORDERING INFORMATION

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

PM	Plug Male	插頭導針	RM	Receptacle Male	插座導針
PF	Plug Female	插頭導梢	RF	Receptacle Female	插座導梢
P	Plug	插 頭	AD	Adapter	中 繼
R	Receptacle (Front mounting)	插座 (前裝式)	Ca	Cap	保護蓋
RL	Receptacle (Rear mounting)	插座 (後裝式)	RT	Rubber tube	橡膠管
WGP	Nylon type	尼龍管式	GP	Conduit type	軟管式
LP	L Shape	L型90°	CG	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 • Zinc alloy Die Casting / 鋅合金壓鑄 • Aluminum alloy Die Casting / 鋁合金壓鑄	• Chrome-plated / 鍍鉻 • Gold-plated / 鍍金 • Nickel-plated / 鍍鎳 • Silver-plated / 鍍銀
Insulator / 絕緣體	• Bakelite / 電木 • Delrin / 塑膠 • Teflon / 鐵氟龍	
Contact / 接點	• Copper / 銅 • Phosphor Copper / 磷青銅 • Beryllium Copper / 鈹銅	• Gold-plated / 鍍金 • Nickel-plated / 鍍鎳 • Silver-plated / 鍍銀

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

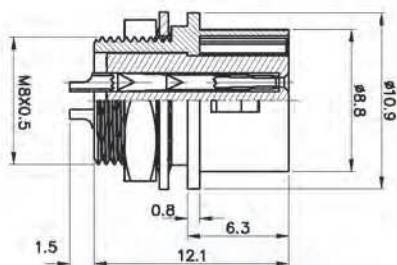
⚠ 警告：為避免觸電，通電狀態下禁止插拔電源線連接器。

⚠ 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。

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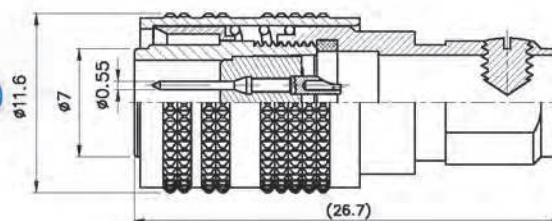
PLT-8 Series

Socket Female Contact



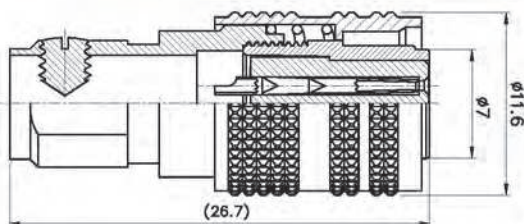
PLT-8◆-RF-R

Plug Male Contact



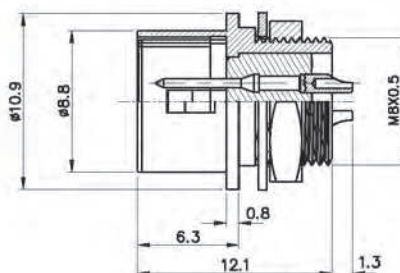
PLT-8◆-PM-R

Plug Female Contact



PLT-8◆-PF-R

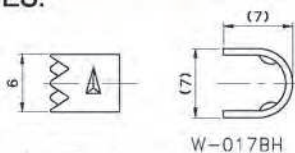
Socket Male Contact



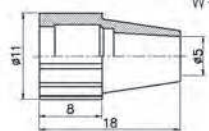
PLT-8◆-RM-R

ACCESSORIES:

Cable Clamp



Rubber Pipe



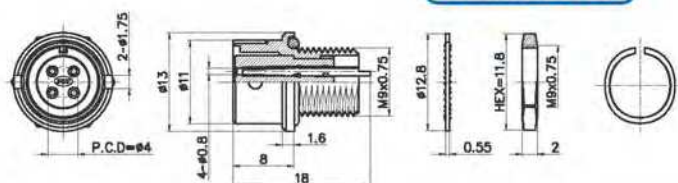
W-017BH

◆ 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



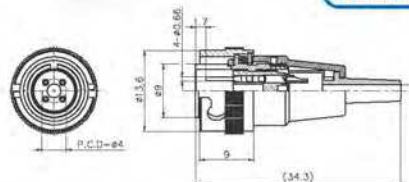
WPM-94-RF-R



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 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

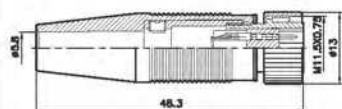
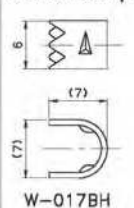


Socket Female Contact

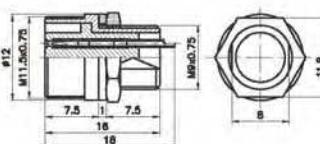
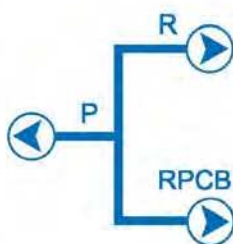


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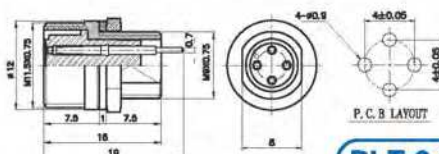
Cable Clamp



PLT-9-P-R



PLT-9-R-R



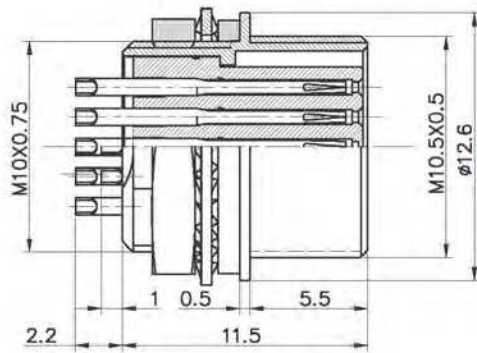
PLT-9-RPCB

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

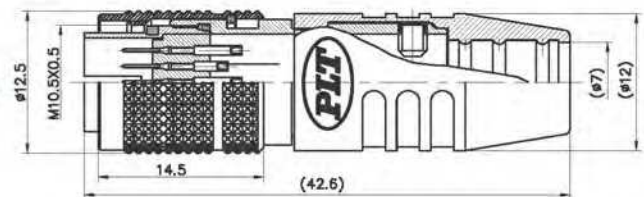
PLT-10 Series

Socket Female Contact



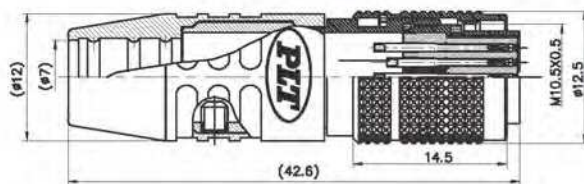
PLT-10◆-RF-R

Plug Male Contact



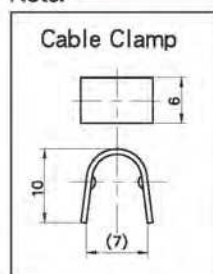
PLT-10◆-PM-R

Plug Female Contact

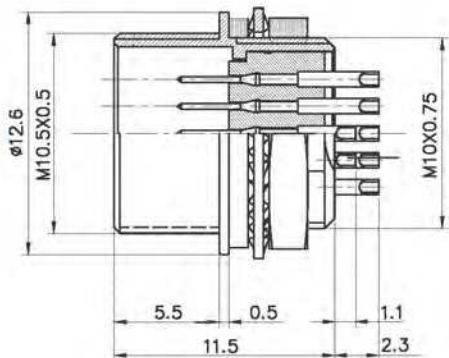


PLT-10◆-PF-R

Note:



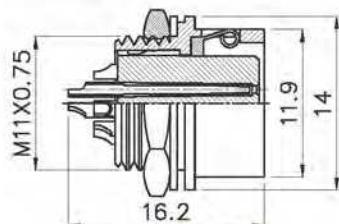
Socket Male Contact



PLT-10◆-RM-R

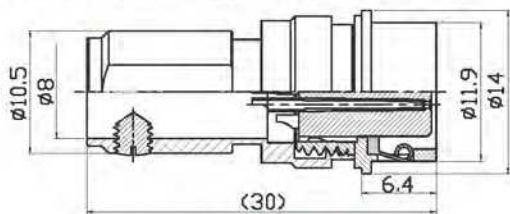
◆ No. of contacts	16								
Contacts Configuration									
Rated current / voltage	1A 30V								
Operating voltage limit (AC.V.rms)	42V								
Withstanding voltage (AC.V. rms) 1 minute	100								
Insulation resistance (MΩ MIN.) at DC 500V	1000								
Contact resistance (mΩ MAX.) at DC 1A	30								

Plug Female Contact



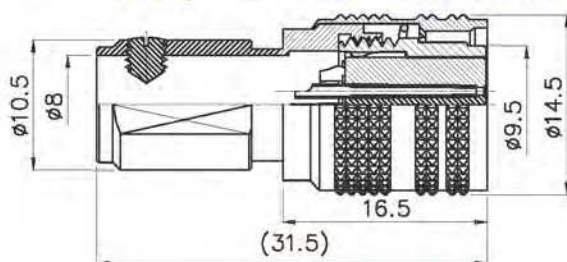
PLT-11-RF-R

Adapter Female Contact



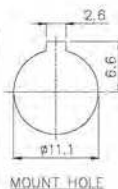
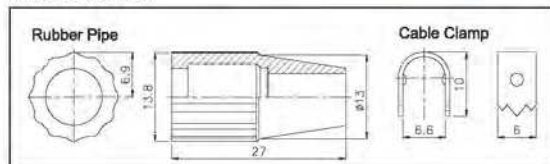
PLT-11-ADF-R

Plug Female Contact



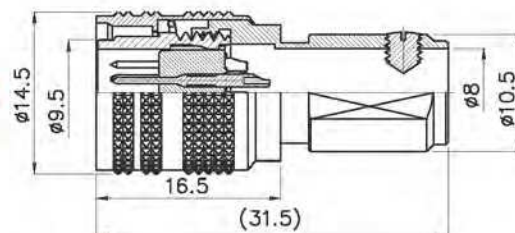
PLT-11-PF-R

ACCESSORIES:



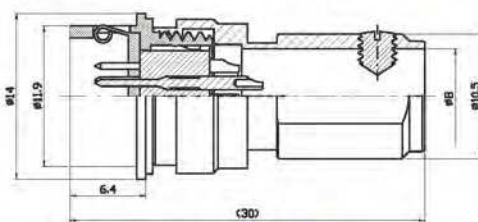
MOUNT HOLE

Plug Male Contact



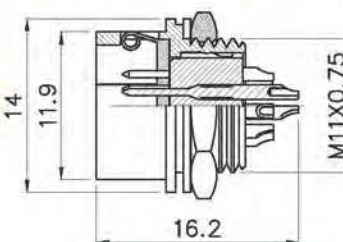
PLT-11-PM-R

Adapter Male Contact

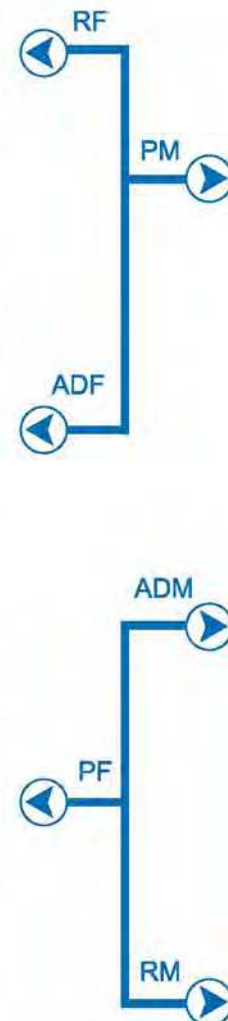


PLT-11-ADM-R

Socket Male Contact



PLT-11-RM-R



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

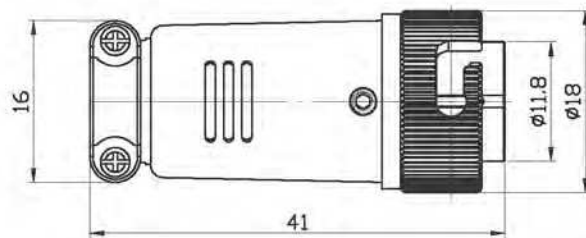
PLT-14 Series

Plug Male Contact

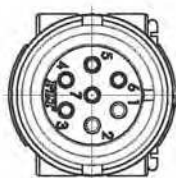
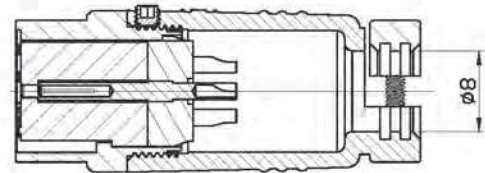
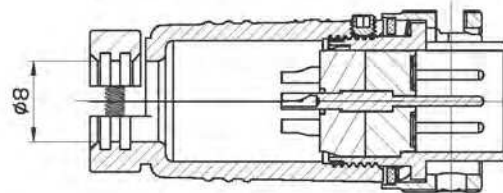
Adapter Female Contact

2

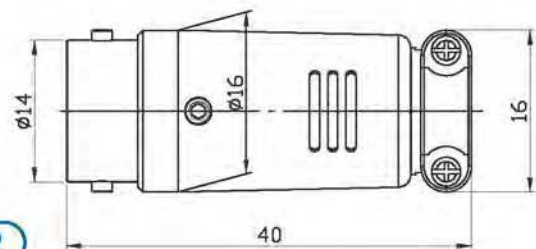
PLT SERIES



PLT-14 ◆ -PM-R

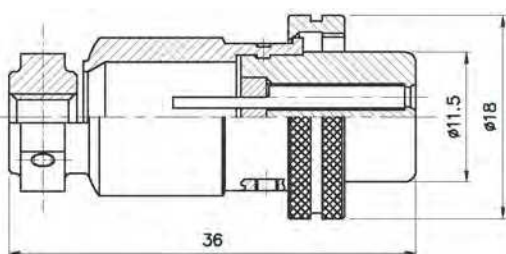


PLT-14 ◆ -ADF-R

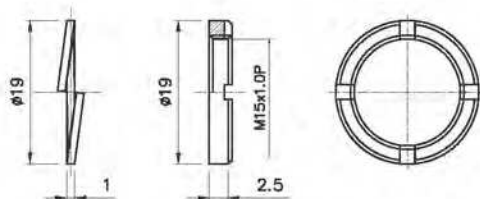


◆ No. of contacts	3	4	7					
Contacts Configuration								
Rated current / voltage	5A 125V	5A 125V	5A 125V					
Operating voltage limit (AC.V.rms)	300	300	300					
Withstanding voltage (AC.V. rms) 1 minute	1500	1500	1000					
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000					
Contact resistance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

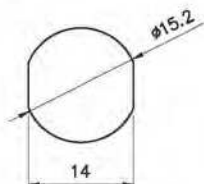
Plug Female Contact



PLT-15-P-R

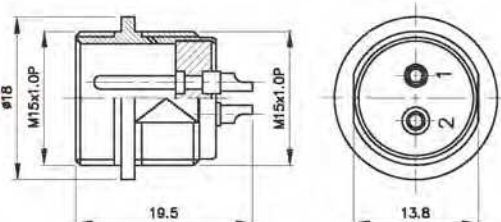


ACCESSORIES



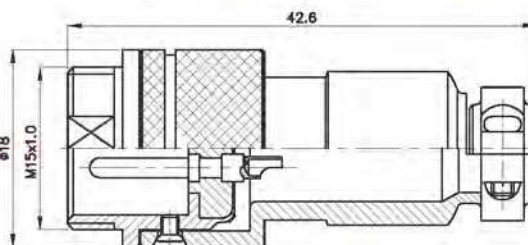
MOUNTING HOLES

Socket Male Contact

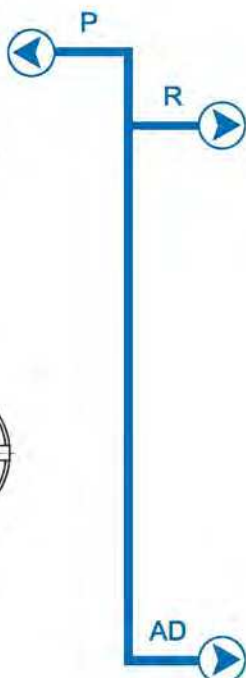


PLT-15-R-R

Adapter Male Contact



PLT-15-AD-R



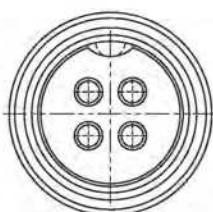
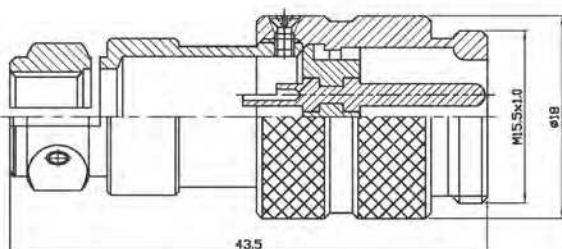
No. of contacts	2	3	4					
Contacts Configuration								
Rated current / voltage	5A 125V	5A 125V	5A 125V					
Operating voltage limit (AC.V.rms)	200	200	200					
Withstanding voltage (AC.V. rms) 1 minute	1000	1000	1000					
Insulation resistance (MΩ MIN.) at DC 500V	100	100	100					
Contact resistance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

15.5

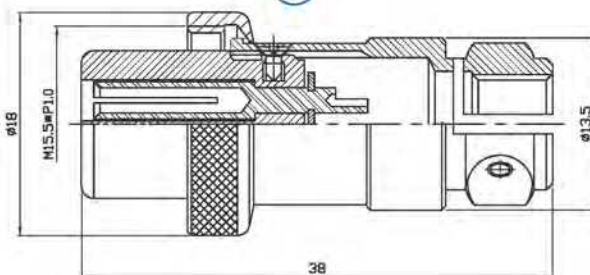
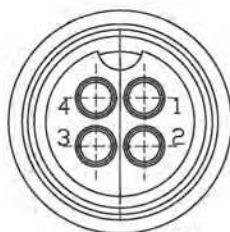
PLT-15.5 Series

Adapter Male Contact

Plug Female Contact

2
PLT SERIES

PLT-15.5-4AD-R

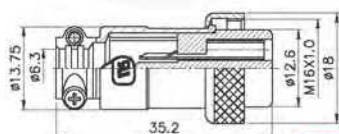


PLT-15.5-4P-R

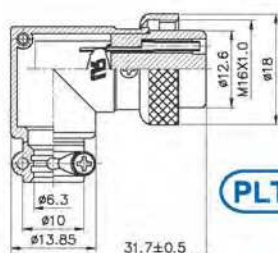
No. of contacts	2	4						
Contacts Configuration								
Rated current / voltage	5A 125V	5A 150V						
Operating voltage limit (AC.V.rms)	200	200						
Withstanding voltage (AC.V. rms) 1 minute	1000	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000						
Contact resistance (mΩ MAX.) at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

Plug Female Contact

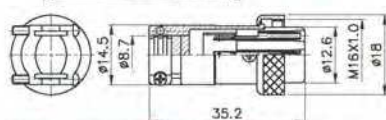
Socket Male Contact



PLT-16-P-R

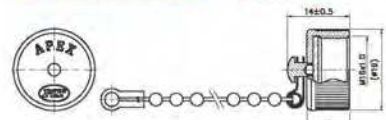


PLT-16-LP-R



PLT-16-PA-R

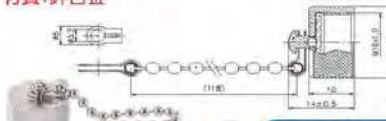
Material: Zinc Alloy
材質: 鋅合金



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



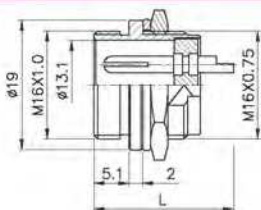
U-C5

U-C5

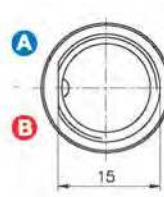
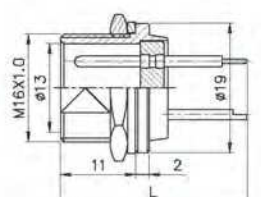
Material: Brass
材質: 銅

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



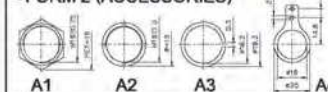
PCB TYPE

PLT-16-RL-R

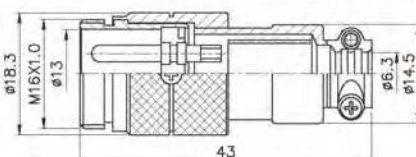
*A: PCB TYPE *B: SOLDERING TYPE

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)

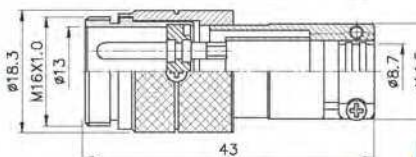


Adapter Male Contact

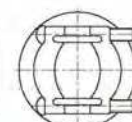


PLT-16-AD-R

PD:98441



PLT-16-ADA-R



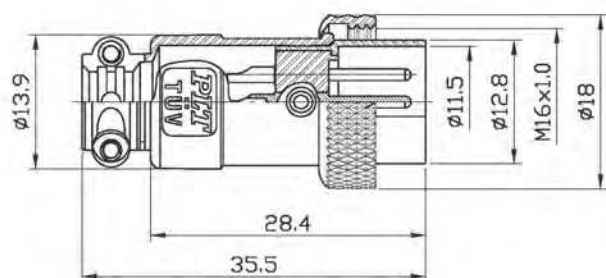
No. of contacts	2	3	4	5	6	7	8
Contacts Configuration							
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V
Operating voltage limit (AC.V.rms)	200	200	200	200	200	200	200
Withstanding voltage (AC.V. rms) 1 minute	1000	1000	1000	1000	1000	1000	1000
Insulation resistance (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

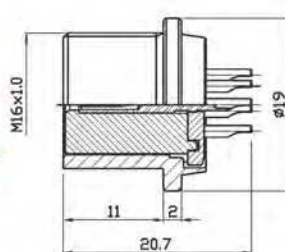
2
PLT SERIES

PLT-16-PM-R

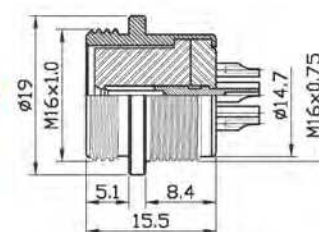
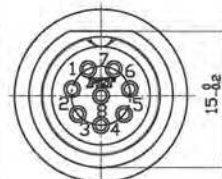
PM

RLF

RF



PLT-16-RLF-R



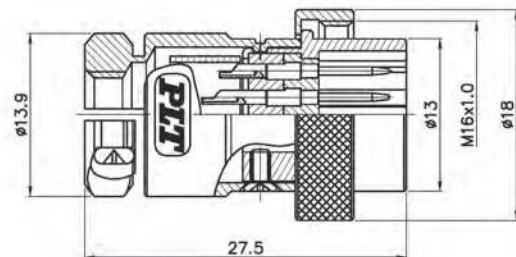
PLT-16-RF-R



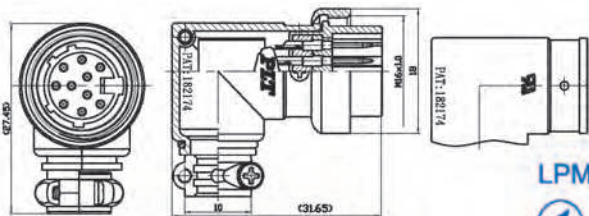
No. of contacts	2	3	4	5	6	7	8	
Contacts Configuration								
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	
Operating voltage limit (AC.V.rms)	200	200	200	200	200	200	200	
Withstanding voltage (AC.V. rms) 1 minute	1000	1000	1000	1000	1000	1000	1000	
Insulation resistance (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

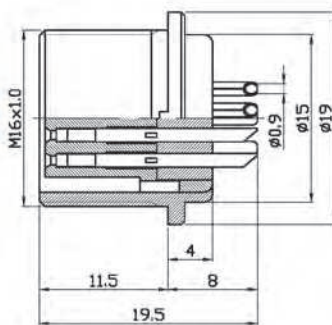
Socket Female Contact



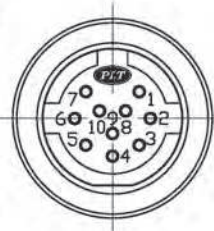
PLT-16A-PM-R



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

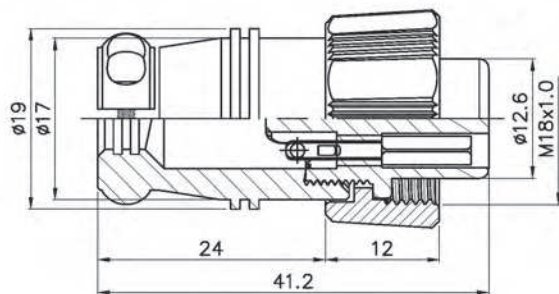


Socket Male Contact

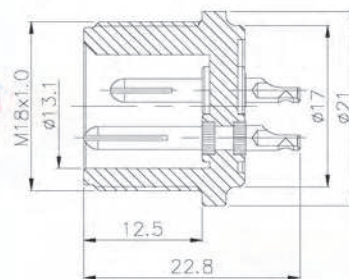


2

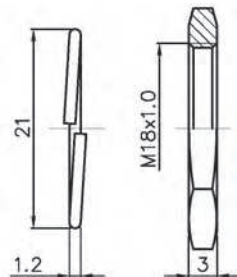
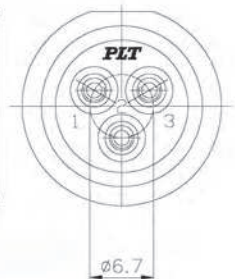
PLT SERIES



PLT-17◆-P-R



PLT-17◆-R-R

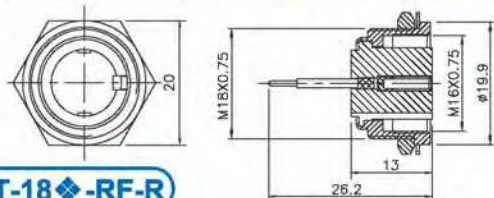


ACCESSORIES

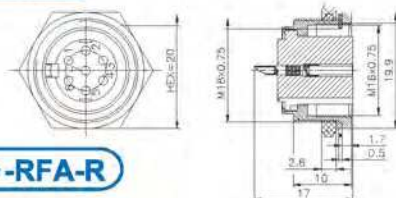
(Engineering Plastic 工程塑膠)

◆ 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

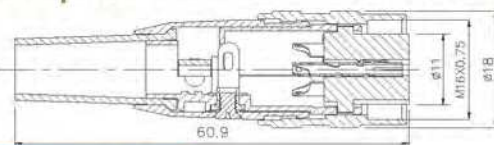


PLT-18-RF-R



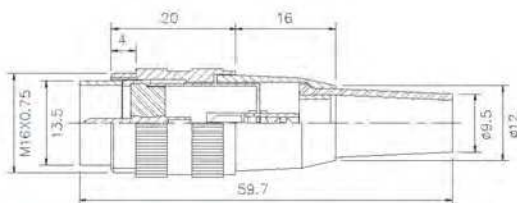
PLT-18-RFA-R

Adapter Female Contact



PLT-18-ADF-R

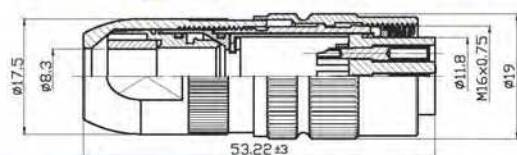
Plug Male Contact



PLT-18-PM-R

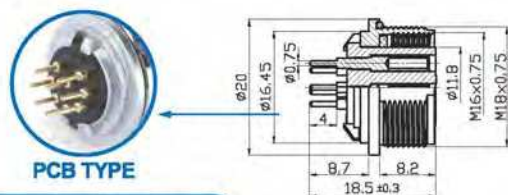


Plug Female Contact



PLT-18-A-PF-R

Socket Female Contact

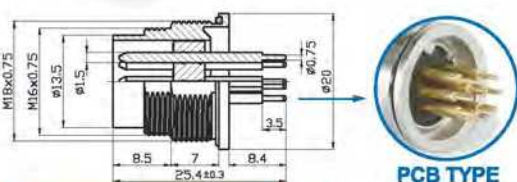


PLT-18-A-RF-R



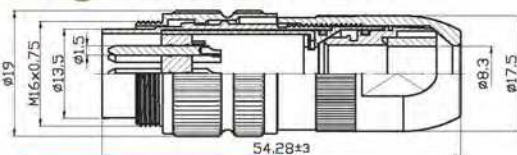
PLT-18-B-RF-R

Socket Male Contact

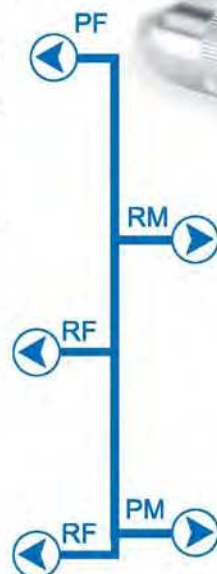


PLT-18-A-RM-R IP67

Plug Male Contact

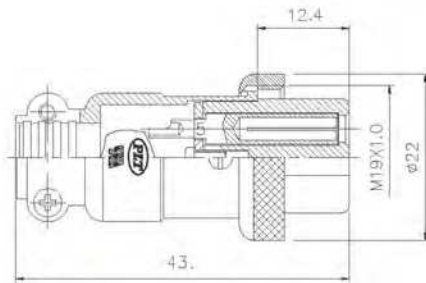


PLT-18-A-PM-R

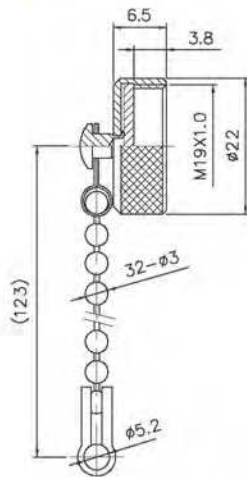


No. of contacts	5	7	8					
Contacts Configuration								
Rated current / voltage	5A 125V	5A 125V	5A 125V					
Operating voltage limit (AC.V.rms)	200	200	200					
Withstanding voltage (AC.V. rms) 1 minute	1000	1000	1000					
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000					
Contact resistance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

Plug Female Contact



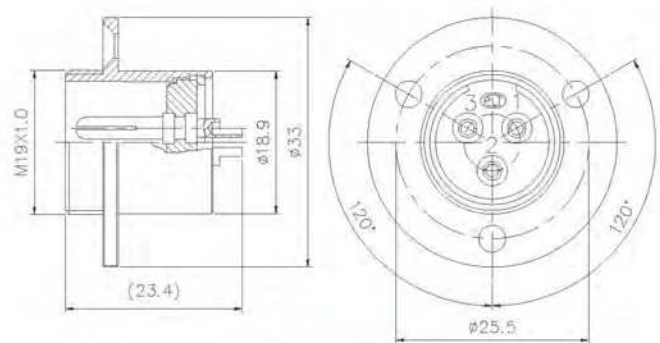
PLT-19◆-P-R



PLT-19-RCa-R

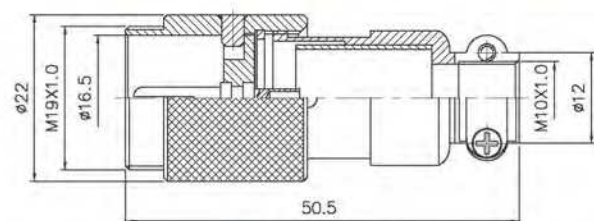
Material: Copper Alloy
材質:銅合金

Socket Male Contact



PLT-19◆-R-R

Adapter Male Contact



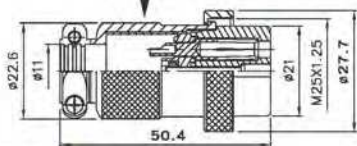
PLT-19◆-AD-R

No. of contacts	2	3	4				
Contacts Configuration	 TÜV 	 TÜV 	 TÜV 				
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				

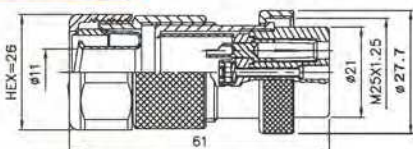
Plug Female Contact



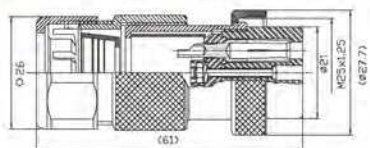
●另有鎖側螺絲選項
Optional accessory: side screws



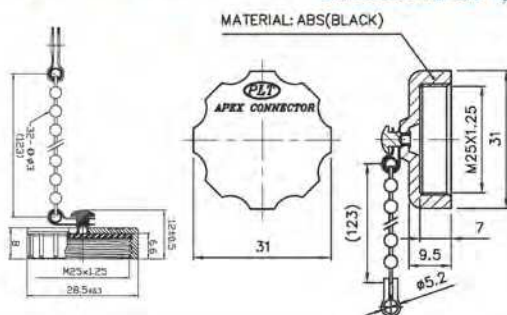
PLT-25-P-R



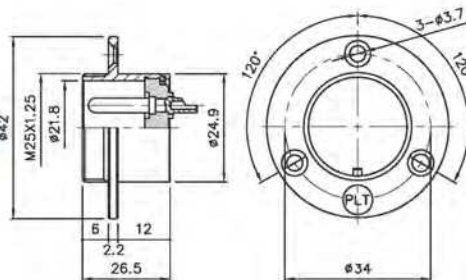
PLT-25-GP3-R 3=轉接3/8"軟管
Connected with 3/8" conduit



PLT-25-WGPF3-R 3=轉接3/8"尼龍管
Connected with 3/8" nylon tube

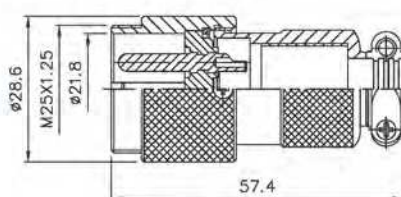


Socket Male Contact



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



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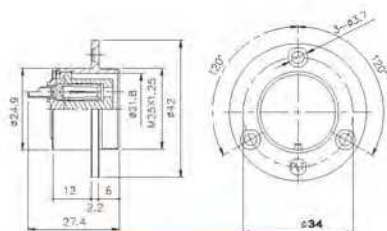
No. of contacts	2	3	4	5	6			
Contacts Configuration								
Rated current / voltage	10A 250V	10A 250V	10A 250V	10A 250V	10A 250V			
Operating voltage limit (AC.V.rms)	400	400	400	400	300			
Withstanding voltage (AC.V. rms) 1 minute	2000	2000	2000	1800	1800			
Insulation resistance (MΩ MIN.) at DC 500V	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			

SHELL SIZE

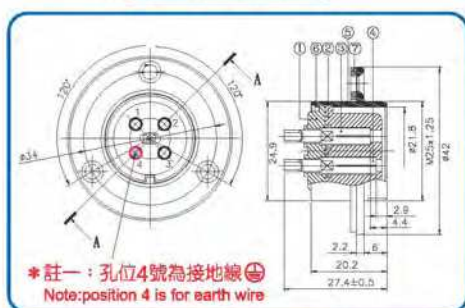
25

PLT-25 Series

Socket Female Contact

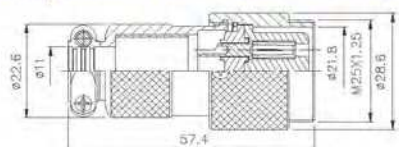


PLT-25◆-RF-R



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

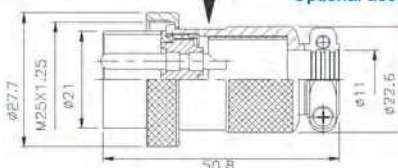


PLT-25A-RCa-R

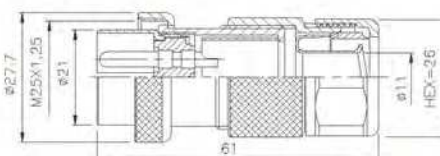
Plug Male Contact



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

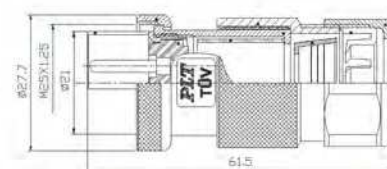


PLT-25◆-PM-R



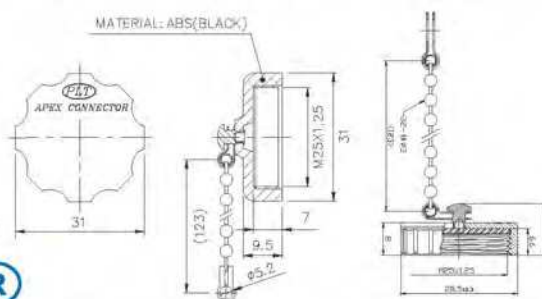
PLT-25◆-GPM3-R

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	 TÜV 	 TÜV 	 TÜV 	 TÜV 	 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			



PLT-25A Series

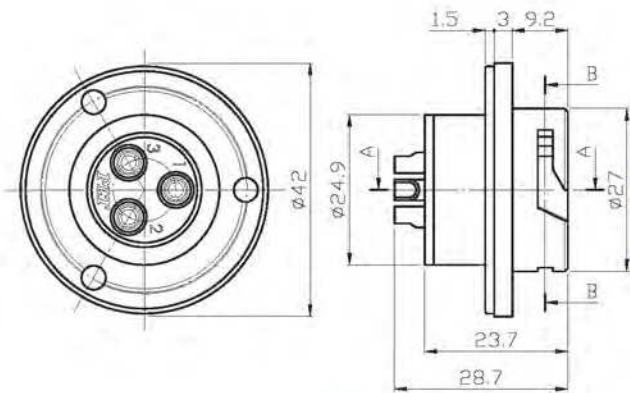


PLT SERIES 2

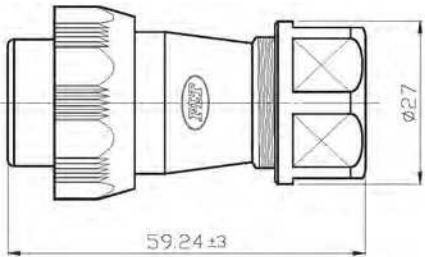
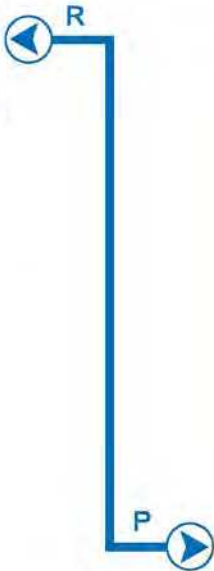
Socket Male Contact



Plug Female Contact



PLT-25◆A-R-R



PLT-25◆A-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						

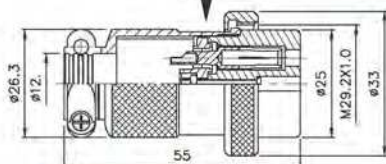
30

PLT-30 Series

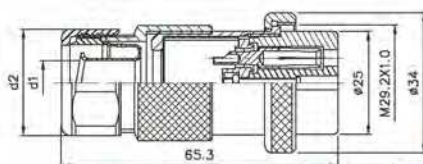
Plug Female Contact



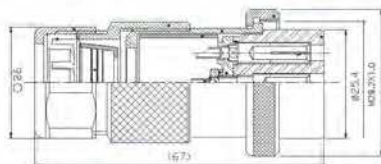
●另有鎖側螺絲選項
Optional accessory: side screws



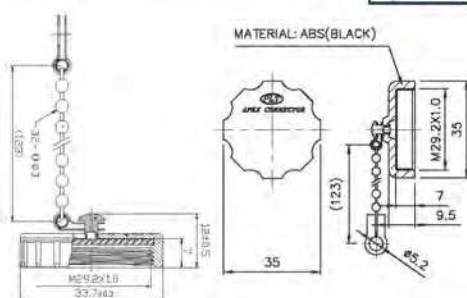
PLT-30◆-P-R



PLT-30◆-GP◆-R



PLT-30◆-WGP◆-R



MATERIAL: ABS(BLACK)

軟管 / Conduit

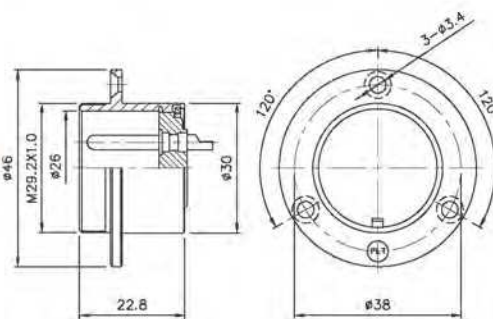
3 3/8" 軟管	d1	d2
	Ø10.8	Ø26.3
4 1/2" 軟管	d1	d2
	Ø14.3	Ø31.2

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

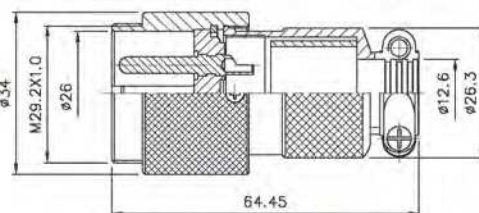


Socket Male Contact



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



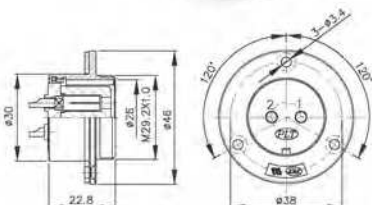
Material: Plastic
材質: 塑膠

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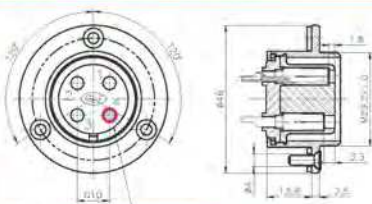
◆ No. of contacts	2	3	4	5	8			
Contacts Configuration								
Rated current / voltage	15A 250V	15A 250V	15A 250V	15A 250V	10A 250V			
Operating voltage limit (AC.V.rms)	400	400	400	400	300			
Withstanding voltage (AC.V. rms) 1 minute	2000	2000	2000	1800	1800			
Insulation resistance (MΩ MIN.) at DC 500V	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

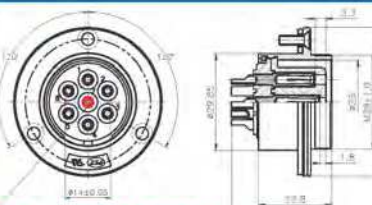


PLT-30-RF-R



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

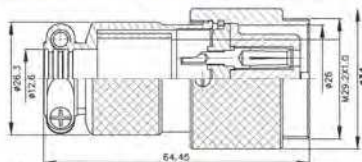
PLT-304E-RF-R



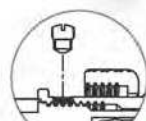
*註一：孔位7號為接地線
Note: position 7 is for earth wire

PLT-307E-RF-R

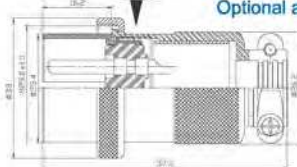
Adapter Female Contact



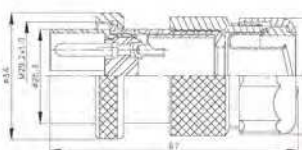
PLT-30-ADF-R



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



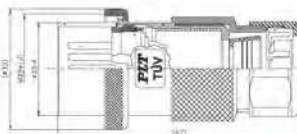
PLT-30-PM-R



軟管 / Conduit

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

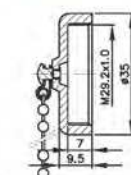
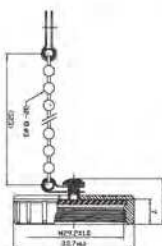
PLT-30-GPM-R



尼龍管 / Nylon Tube

	尼龍管 / Nylon Tube	d1	d2
3	3/8" 軟管	Ø10.8	Ø26.3
4	1/2" 軟管	Ø14.3	Ø31.2

PLT-30-WGPM-R



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

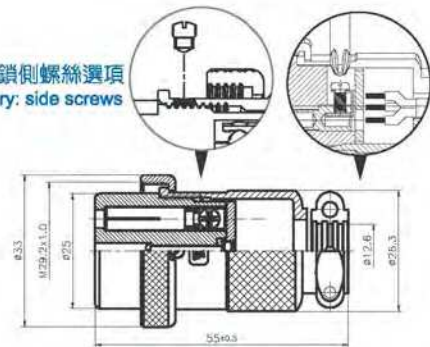
PLT SERIES



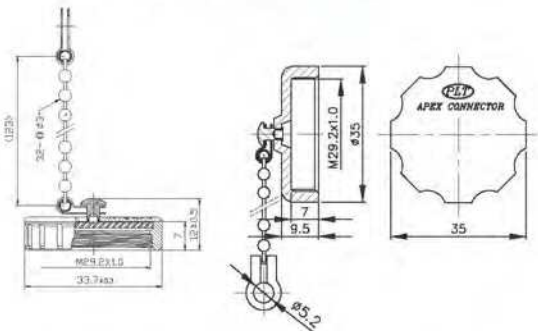
PLT-303-RN-R



●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



Material: Plastic
材質: 塑膠

PAT A-591PX



Material: Zinc Alloy
材質: 鋅合金

PLT-30C-RCa-R



Material: Plastic
材質: 塑膠

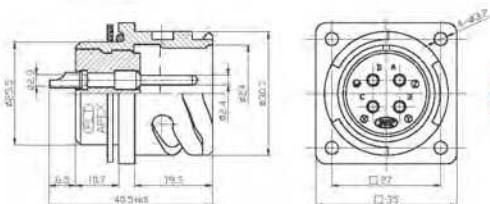
PLT-30A-RCa-R

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								



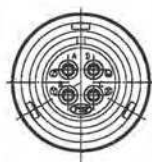
Socket Male Contact

Plug Female Contact



PLT3102A 18-10PA

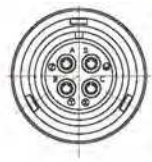
SA



PLT3106A 18-10SA

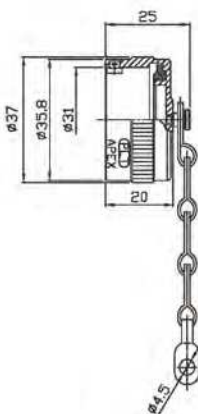
PA

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 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

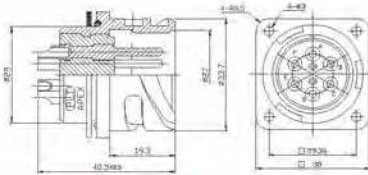
IP67

Socket male Contact

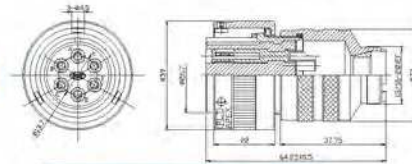
Plug Female Contact

2

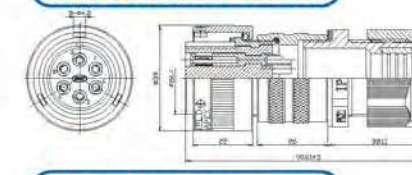
PLT SERIES



PLT3102A 20-15PA



PLT3106A 20-15SA



PLT3106A 20-15SC

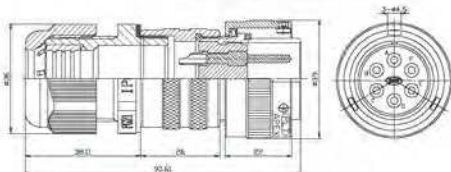


PLT-20RCa

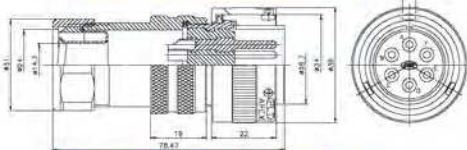
Material: Aluminum Alloy
材質: 鋁合金

Plug male Contact

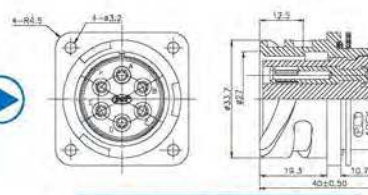
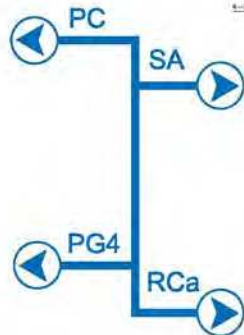
Socket Female Contact



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 AC:500V			
Withstanding voltage (AC.V. rms) 1 minute	2000			
Insulation resistance (MQ MIN.) at DC 500V	5000			
Test Current	23			



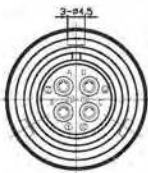
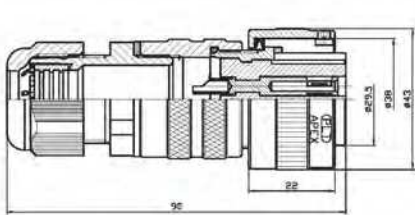
PLT-31 Series

31

2
PLT SERIES

Plug Female Contact

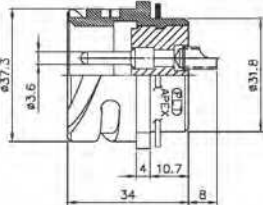
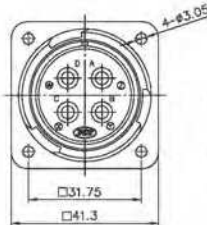
Socket Male Contact



SC

PLT3106A 22-22SC

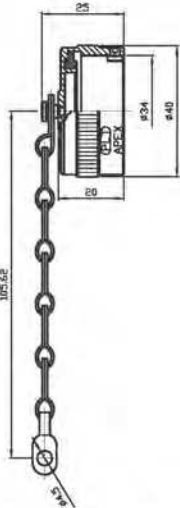
PA



PLT3102A 22-22PA



Material: Aluminum Alloy
材質: 鋁合金



RCa

PLT-22RCa

No. of contacts	4			
Contacts Configuration				
Operating voltage	46A DC:1250V 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

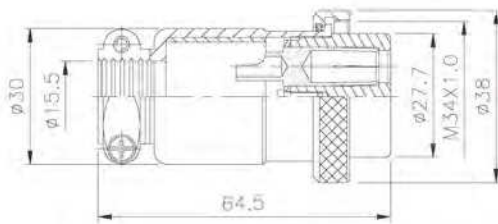


Socket Male Contact

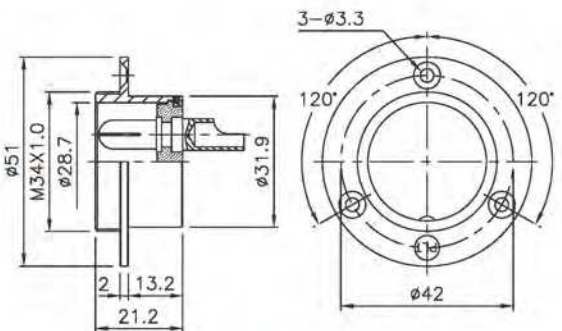


2

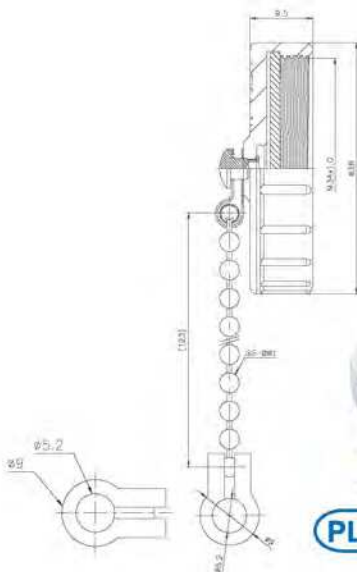
PLT SERIES



PLT-32◆-P-R



PLT-32◆-R-R

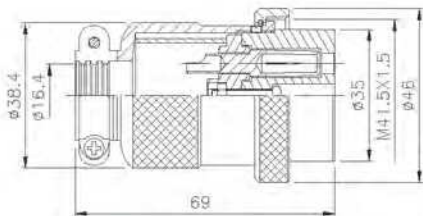
Material: Zinc Alloy
材質: 鋅合金

PLT-32C-RCaN-R

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

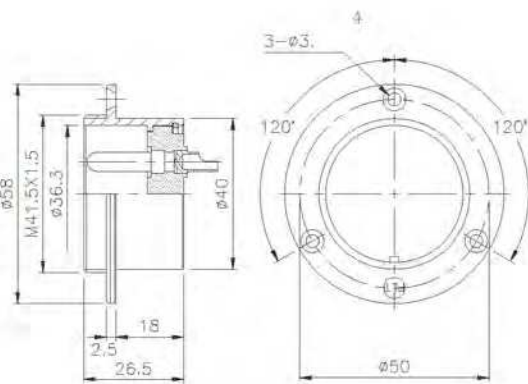
◆ No. of contacts	2	3						
Contacts Configuration								
Rated current / voltage	30A 250V	30A 250V						
Operating voltage limit (AC.V.rms)	400	400						
Withstanding voltage (AC.V. rms) 1 minute	2000	2000						
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000						
Contact resistance (mΩ MAX.)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

Plug Female Contact

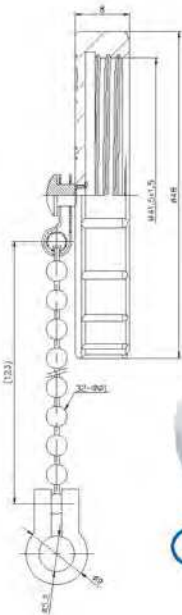


PLT-40◆-P-R

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	TÜV	TÜV					
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

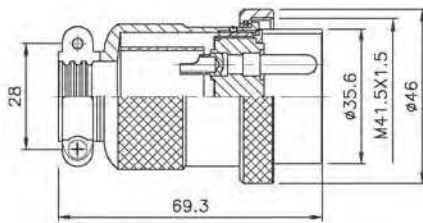
PLT-40 Series

Plug male Contact

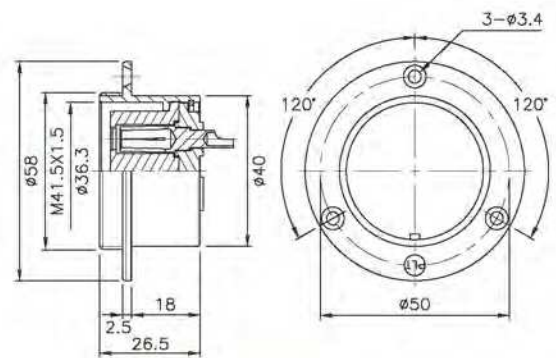
Socket Female Contact

2

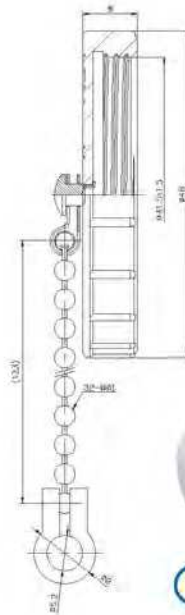
PLT SERIES



PLT-40-PM-R



PLT-40-RF-R



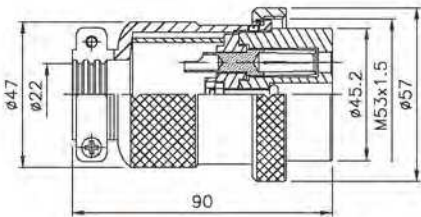
PLT-40C-RCaC-R

Material: Zinc Alloy
材質: 鋅合金

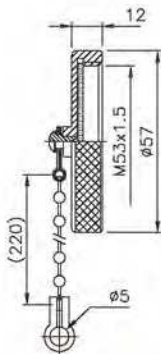
No. of contacts	4	37						
Contacts Configuration								
Rated current / voltage	30A 250V	5A 300V						
Operating voltage limit (AC.V.rms)	500	200						
Withstanding voltage (AC.V. rms) 1 minute	2500	1000						
Insulation resistance (MΩ MIN.) at DC 500V	2000	1800						
Contact resistance (mΩ MAX.) at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

Plug Female Contact

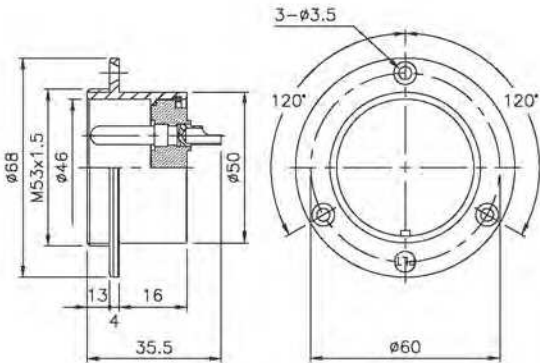
Socket Male Contact



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

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

● MATERIAL & FINISH

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

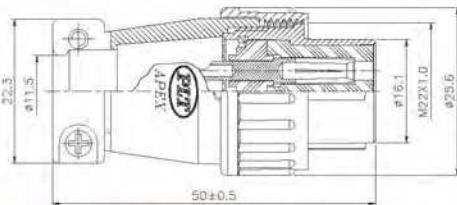
Description	Material	Finish
Shell / 外殼、本體	• Stainless Steel / 不鏽鋼 • Zinc alloy Die Casting / 鋅合金壓鑄 • Aluminum alloy Die Casting / 鋁合金壓鑄	• Chrome-plated / 鍍鉻 • Gold-plated / 鍍金 • Nickel-plated / 鍍鎳 • Silver-plated / 鍍銀
Insulator / 絕緣體	• Bakelite / 電木 • Delrin / 塑鋼 • Teflon / 鐵氟龍	
Contact / 接點	• Copper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

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

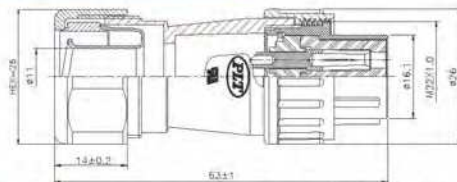
⚠ 警告：為避免觸電，通電狀態下禁止插拔電源線连接器。

⚠ 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

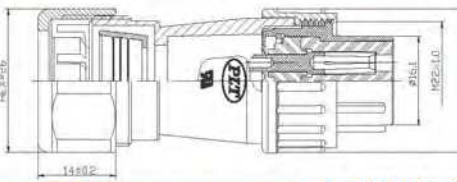


PLS-20◆-PF X-R



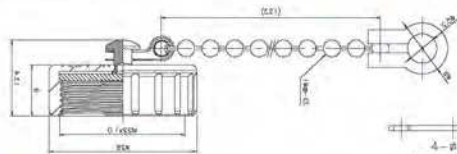
PLS-20◆-GPF3 X-R

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



PLS-20◆-WGPF3 X-R

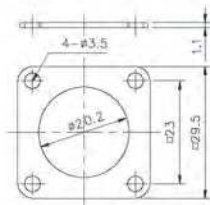
3=轉接3/8"尼龍管
Connected with 3/8" nylon tube



PLS-20C-RCaC-R

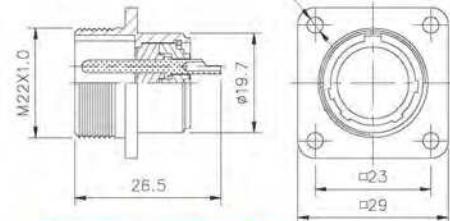


Material: Zinc Alloy
材質: 鋅合金



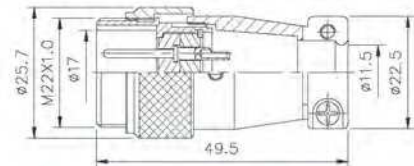
ACCESSORY:
RUBBER GASKET FOR PLS-20◆-RM

Socket Male Contact

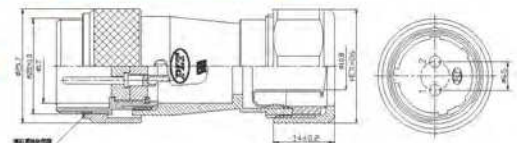


PLS-20◆-RM-R

Adapter Male Contact

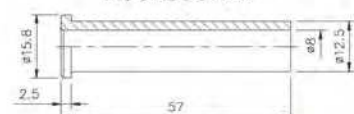


PLS-20◆-ADM-R



PLS-20◆-ADGM-R

ACCESSORY:



RUBBER TUBE FOR PLS-20◆-PF



Material: Plastic
材質: 塑膠

PAT A-587PX

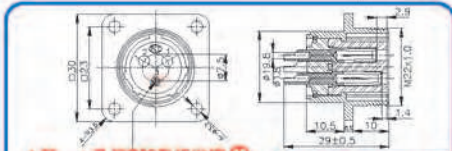
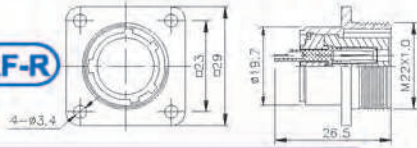
★NEW

★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		

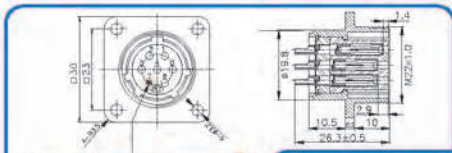
Socket Female Contact

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

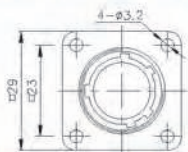
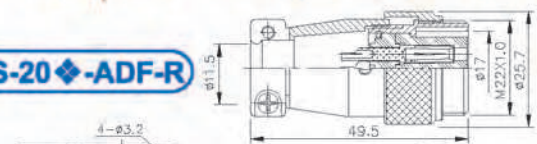


★註一：孔位7號為接地線
Note: position 7 is for earth wire

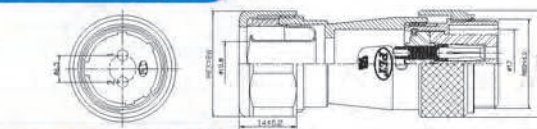
PLS-207E-RF-R

Adapter Female Contact

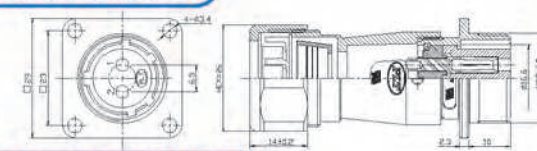
PLS-20◆-ADF-R



PLS-20◆-AD(F)F-R



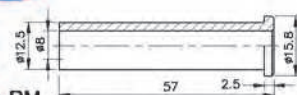
PLS-20◆-ADGF-R



PLS-20◆-ADGF(F)-R

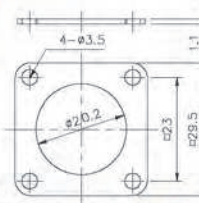
ACCESSORY:

RUBBER TUBE FOR PLS-20◆-PM



ACCESSORY:

RUBBER GASKET FOR PLS-20◆-RM



★NEW

★NEW

Plug Male Contact



RF

PM

PM

GPM

ADF

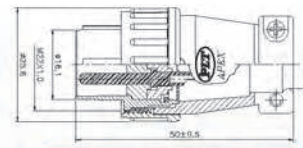
AD(F)F

WGPM

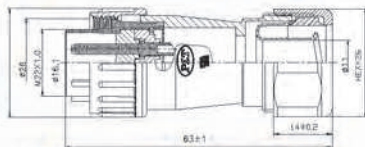
ADGF

RCaC

ADGF(F)

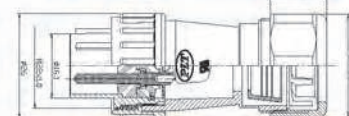


PLS-20◆-PM X-R



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



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

Socket Male Contact



PLS-24◆-PF X-R

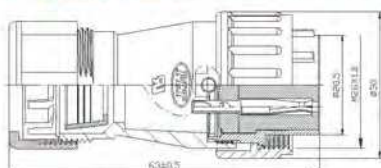


PLS-24◆-PFCG X-R



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

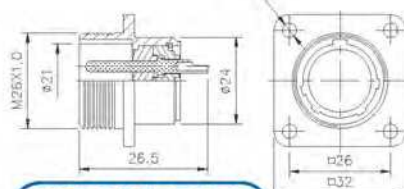
材質: 鋅合金 Material: Zinc Alloy



Material: Plastic
材質: 塑膠

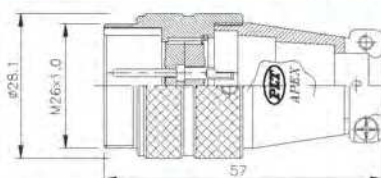
PAT A-588PX

ACCESSORY:
RUBBER GASKET FOR PLS-24◆-RM

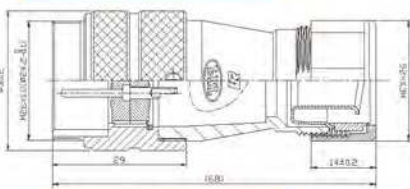


PLS-24◆-RM-R

Adapter Male Contact

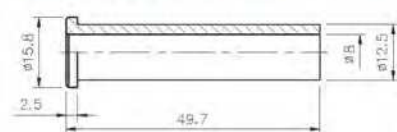


PLS-24◆-ADM-R



PLS-24◆-ADGM-R

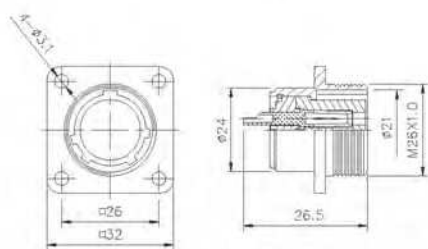
3=轉接3/8"軟管 Connected with 3/8" conduit



ACCESSORY:
RUBBER TUBE FOR PLS-24◆-PF

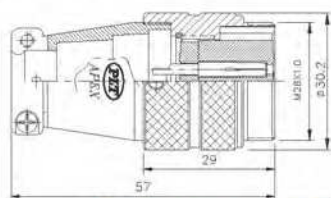
◆ No. of contacts	5	10						
Contacts Configuration								
Rated current / voltage	15A 250V	10A 250V						
Operating voltage limit (AC.V.rms)	400	250						
Withstanding voltage (AC.V. rms) 1 minute	1800	1000						
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000						
Contact resistance (mΩ MAX.)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

Socket Female Contact



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



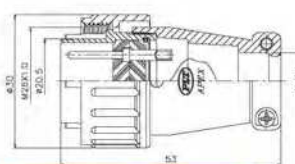
ACCESSORY:
RUBBER TUBE FOR PLS-24◆-PM



Material: Plastic
材質: 塑膠

PAT A-588PX

Plug Male Contact



PLS-24◆-PM X-R

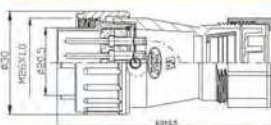


PLS-24◆-PMCG X-R



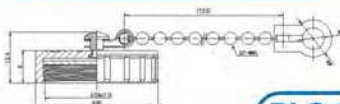
PLS-24◆-GPM3 X-R

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



PLS-24◆-WGPM3 X-R

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



PLS-24C-RCaC-R



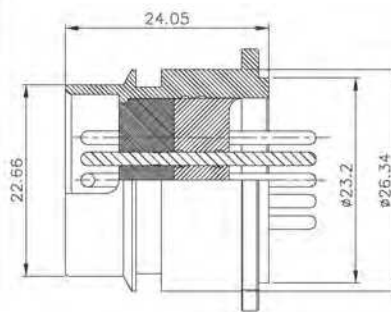
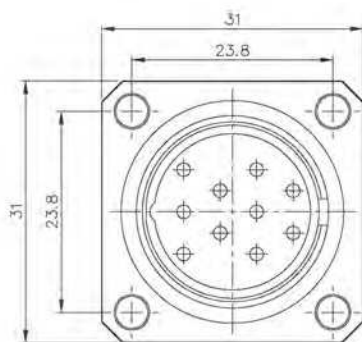
Material: Zinc Alloy
材質: 鋅合金

ACCESSORY : RUBBER GASKET FOR PLS-24◆-RF

◆ 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

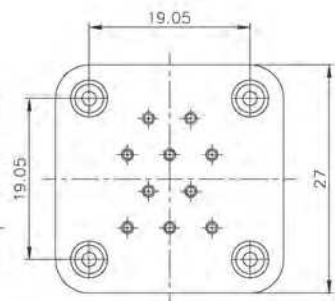
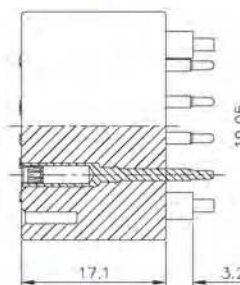
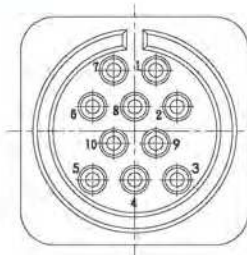


PLS-2710-RM



RM

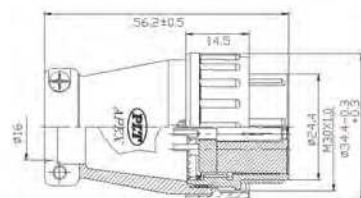
PF



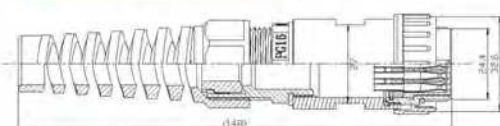
PLS-2710-PF

◆ 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								

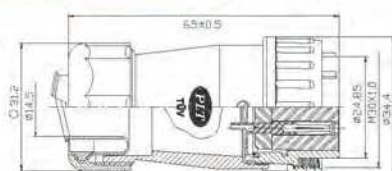
Plug Female Contact



PLS-28♦-PF X-R

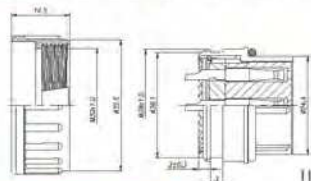


PLS-28 ♦ -PFCG-R



PLS-28◆-GPF4 X-R

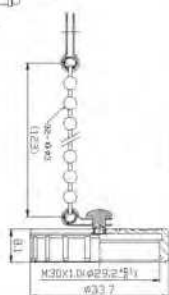
4=轉接1/2"軟管
Connected with 1/2" conduit



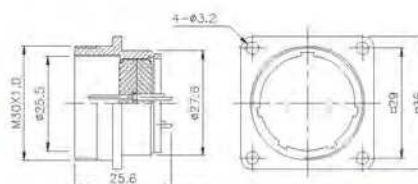
PLS-28 ◆-PFB X-R



Material: Zinc Alloy / 材質: 鋅合金

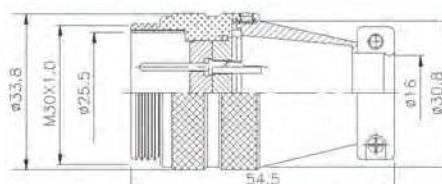


Socket Male Contact

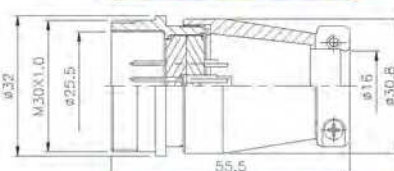


PLS-28◆-RM-R

Adapter Male Contact



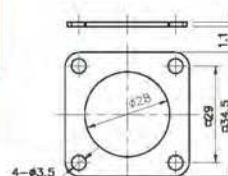
PLS-28 ♦ -ADM-R



PLS-28 ◆ -AD(F)M-R



ACCESSORY : RUBBER TUBE FOR PLS-28 ◆ -PF



ACCESSORY : RUBBER GASKET FOR PLS-28◆-RM



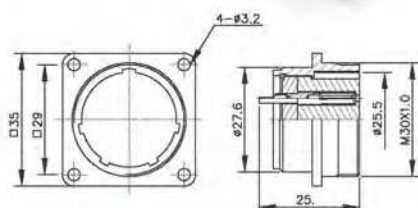
Material: Plastic
材質: 塑膠

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

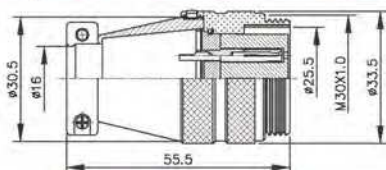


PLS-28-RF-R



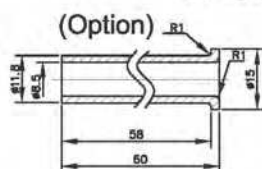
PLS-2812E-RF-R

Adapter Female Contact

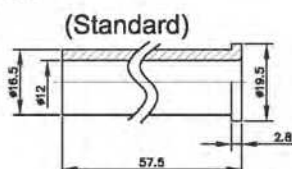


PLS-28-ADF-R

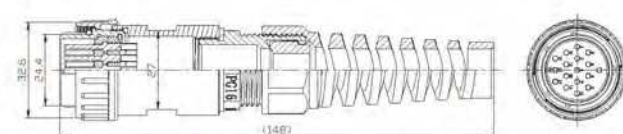
ACCESSORY:



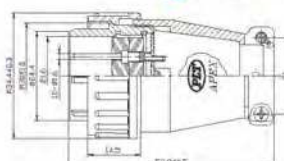
(Option)



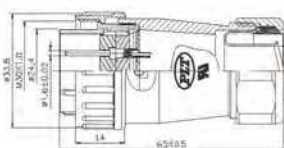
(Standard)

RUBBER TUBE FOR
PLS-28-PM

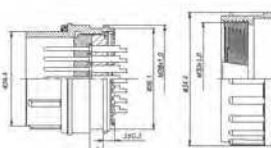
PLS-28-PMCG-R



PLS-28-PM X-R



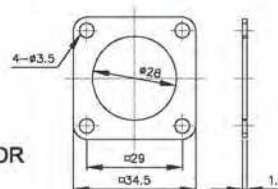
PLS-28-GPM4 X-R



PLS-28-PMA X-B-R

Material: Zinc Alloy
材質：鋅合金

PLS-28C-RCa-R



RUBBER GASKET FOR PLS-28-RF

Material: Plastic
材質：塑膠

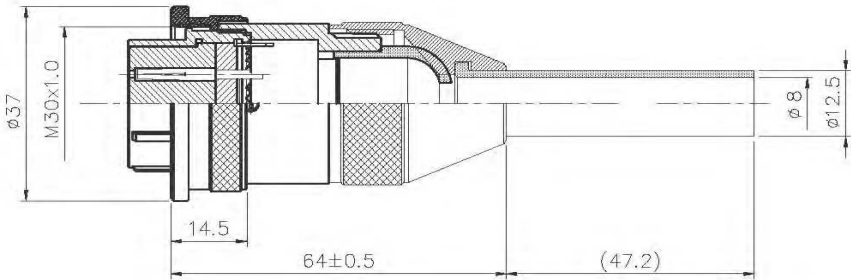
PAT A-589PX

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

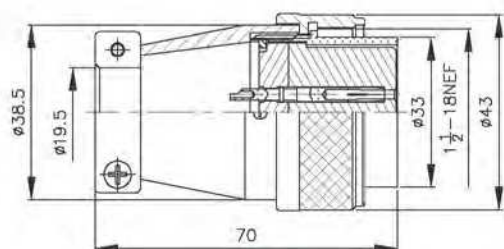
Plug Female Contact



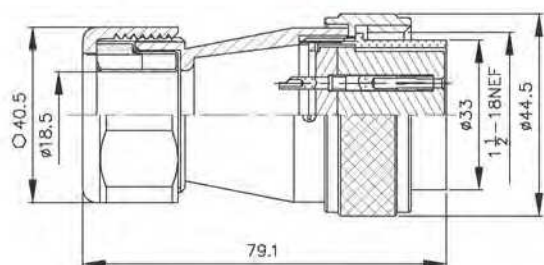
(Stainless Steel 不鏽鋼)

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



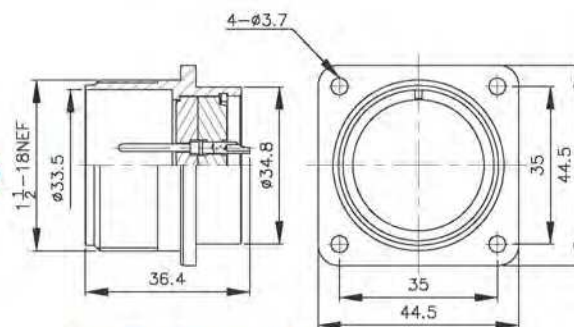
PLS-35◆-GPF6-R

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

AMS25043-24A

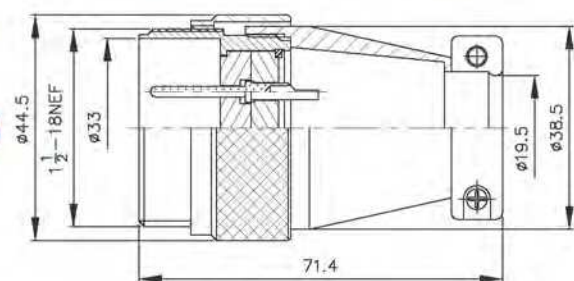
Material: Aluminum Alloy
材質: 鋁合金

Socket Male Contact

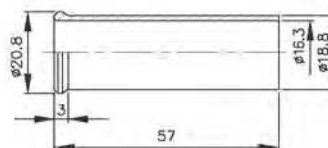


PLS-35◆-RM-R

Adapter Male Contact



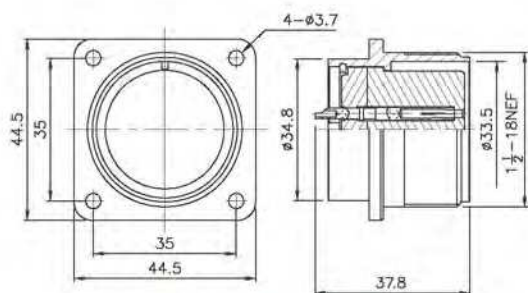
PLS-35◆-ADM-R



ACCESSORY: RUBBER TUBE FOR PLS-35◆-PF

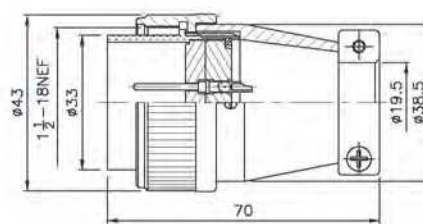
◆ No. of contacts	24							
Contacts Configuration								
Rated current / voltage	8A 250V							
Operating voltage limit (AC.V.rms)	200							
Withstanding voltage (AC.V. rms) 1 minute	1000							
Insulation resistance (MΩ MIN.) at DC 500V	1000							
Contact resistance (mΩ MAX.) at DC 1A	3							
Solder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

Socket Female Contact



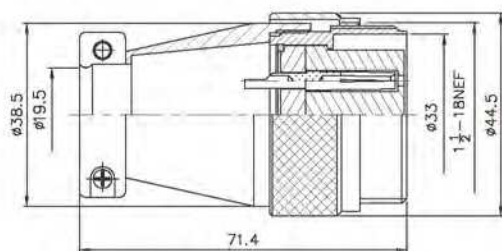
PLS-35◆-RF-R

Plug Male Contact

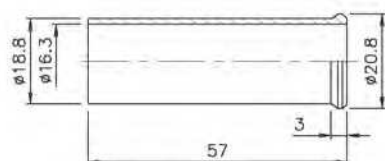
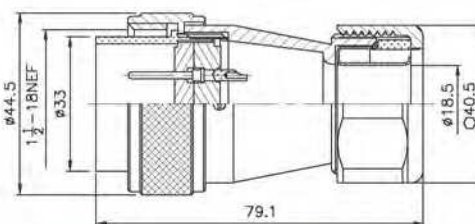


PLS-35◆-PM-R

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

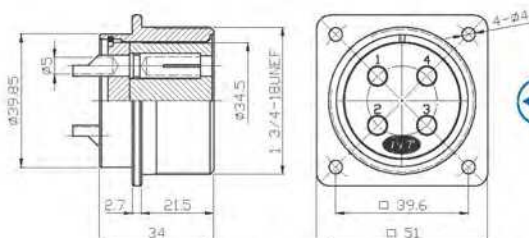
Material: Aluminum Alloy
材質: 鋁合金

◆ 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							



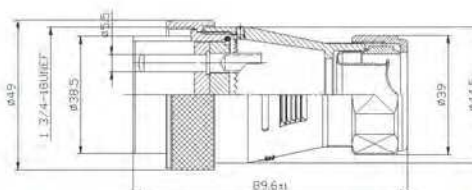
PLS-41 Series

Socket Female Contact



PLS-41 ◆-RF-R

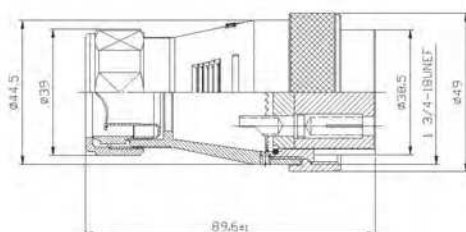
Plug Male Contact



PLS-41 ◆-GPM6-R

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

Plug Female Contact

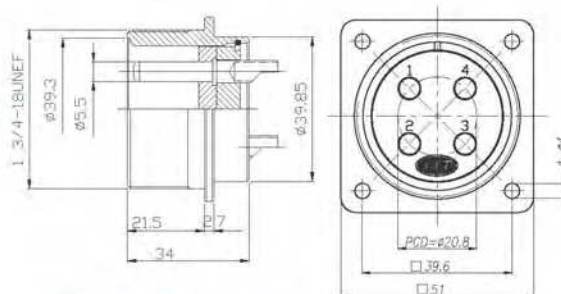


6=轉接3/4"軟管

Connected with 3/4" conduit

PLS-41 ◆-GPF6-R

Socket Male Contact

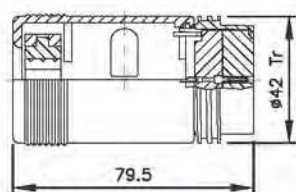
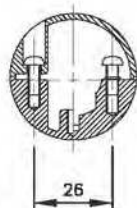


PLS-41 ◆-RM-R

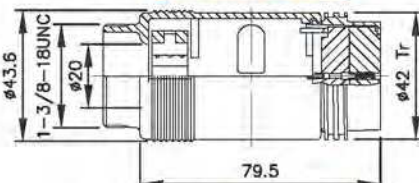
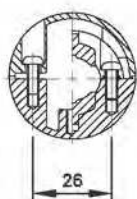
◆ No. of contacts	4	8						
Contacts Configuration								
Rated current / voltage	30A 250V	15A 250V						
Operating voltage limit (AC.V.rms)	500	400						
Withstanding voltage (AC.V. rms) 1 minute	2500	2000						
Insulation resistance (MΩ MIN.) at DC 500V	2500	2000						
Contact resistance (mΩ MAX.)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

Plug male Contact

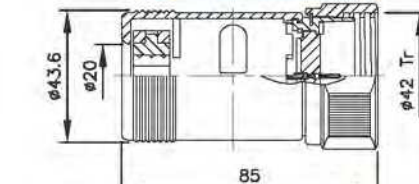
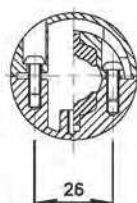
Socket Female Contact



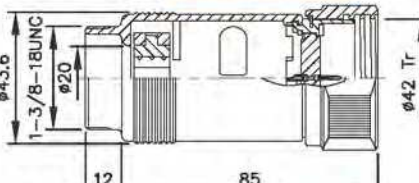
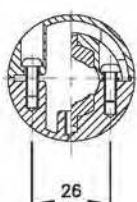
PLS-42 ◆-PF



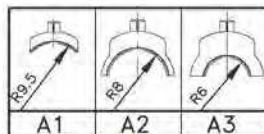
PLS-42 ◆-PF1



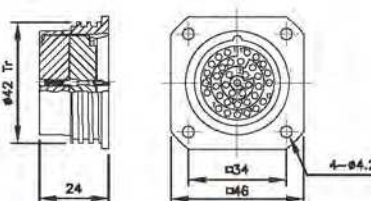
PLS-42 ◆-PM



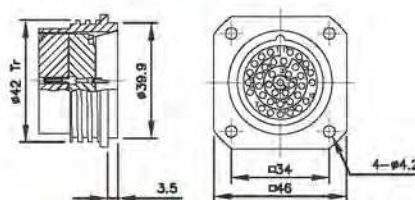
PLS-42 ◆-PM1



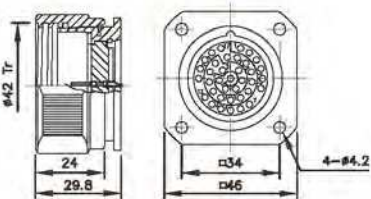
ACCESSORY : Cable clamp



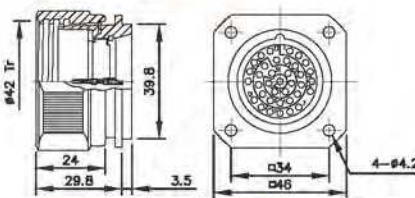
PLS-42 ◆-RF



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



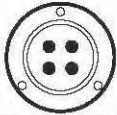
GP

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

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

● MATERIAL & FINISH

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

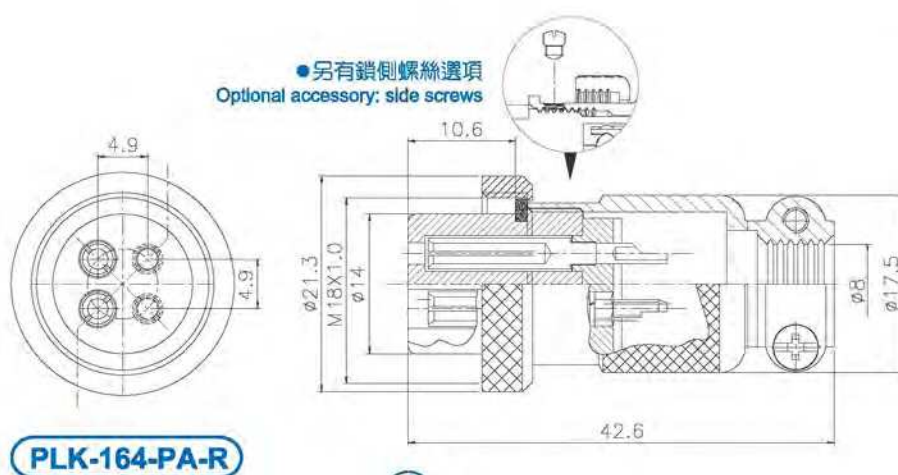
Description	Material	Finish
Shell / 外殼、本體	• Stainless Steel / 不鏽鋼 • Zinc alloy Die Casting / 鋅合金壓鑄 • Aluminum alloy Die Casting / 鋁合金壓鑄	• Chrome-plated / 鍍鉻 • Gold-plated / 鍍金 • Nickel-plated / 鍍鎳 • Silver-plated / 鍍銀
Insulator / 絕緣體	• Bakelite / 電木 • Delrin / 塑鋼 • Teflon / 鐵氟龍	
Contact / 接點	• Copper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

Socket Male Contact



Plug Female Contact

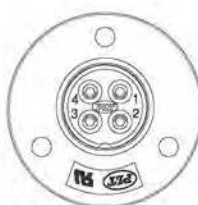
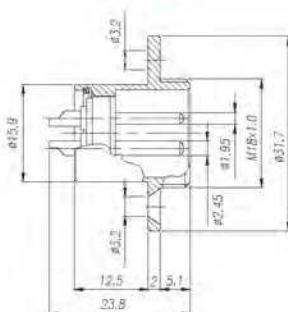
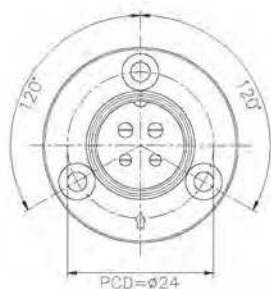


●另有鎖側螺絲選項
Optional accessory: side screws

PLK-164-PA-R

RA

PA



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								

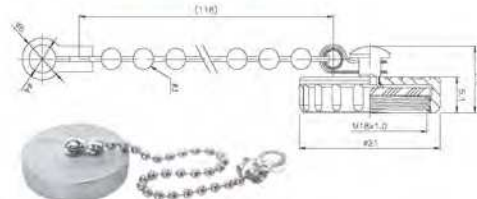
Plug Female Contact



Socket Male Contact

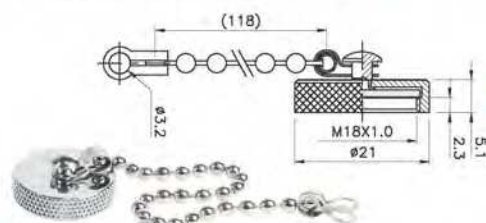


PLK-16-P-R



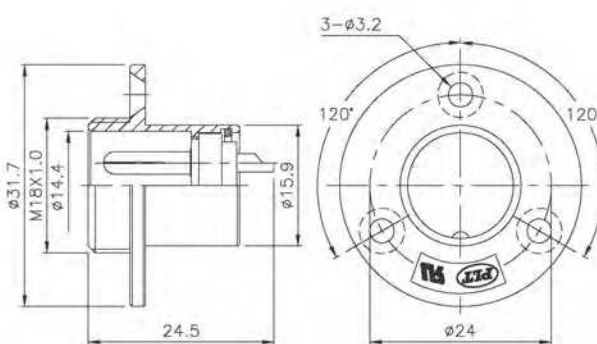
PLK-16C-RCaC-R

Material: Zinc Alloy
材質: 鋅合金



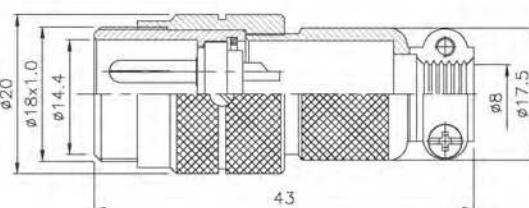
PLK-16-RCa-R

Material: Brass
材質: 銅



PLK-16-R-R

Adapter Male Contact



PLK-16-AD-R

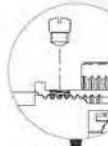
No. of contacts	2	3	4	5				
Contacts Configuration								
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V				
Operating voltage limit (AC.V.rms)	200	200	200	200				
Withstanding voltage (AC.V. rms) 1 minute	1000	1000	1000	1000				
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000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



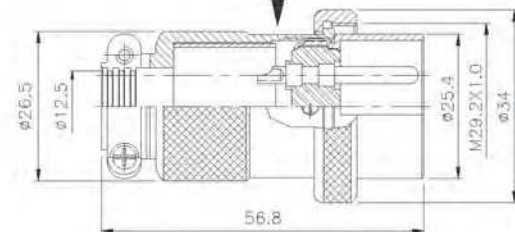
PLK-30 Series

Plug Male Contact

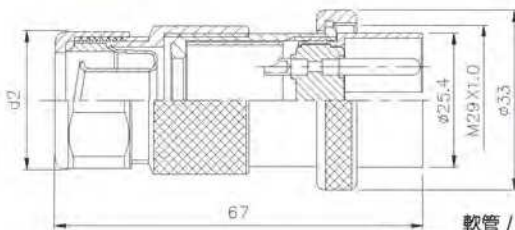
Socket Female Contact



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



PLK-30-PM-R

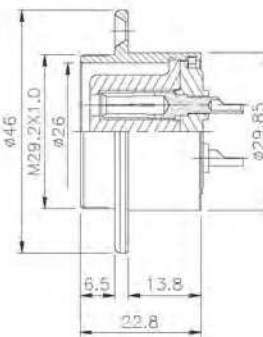
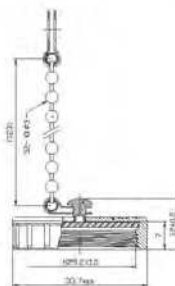
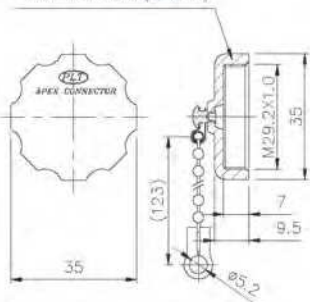


PLK-30-GPM-R

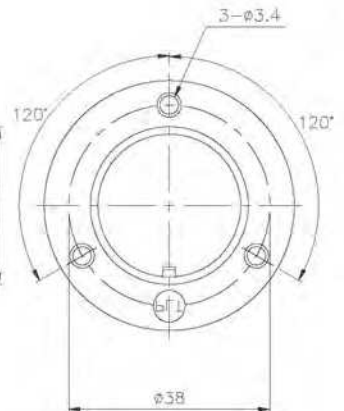
軟管 / Conduit

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



PLT-30C-RCa-R



PAT A-591PX

Material: Plastic
材質: 塑膠

Material: Zinc Alloy
材質: 鋅合金

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



5

WPM SERIES

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.

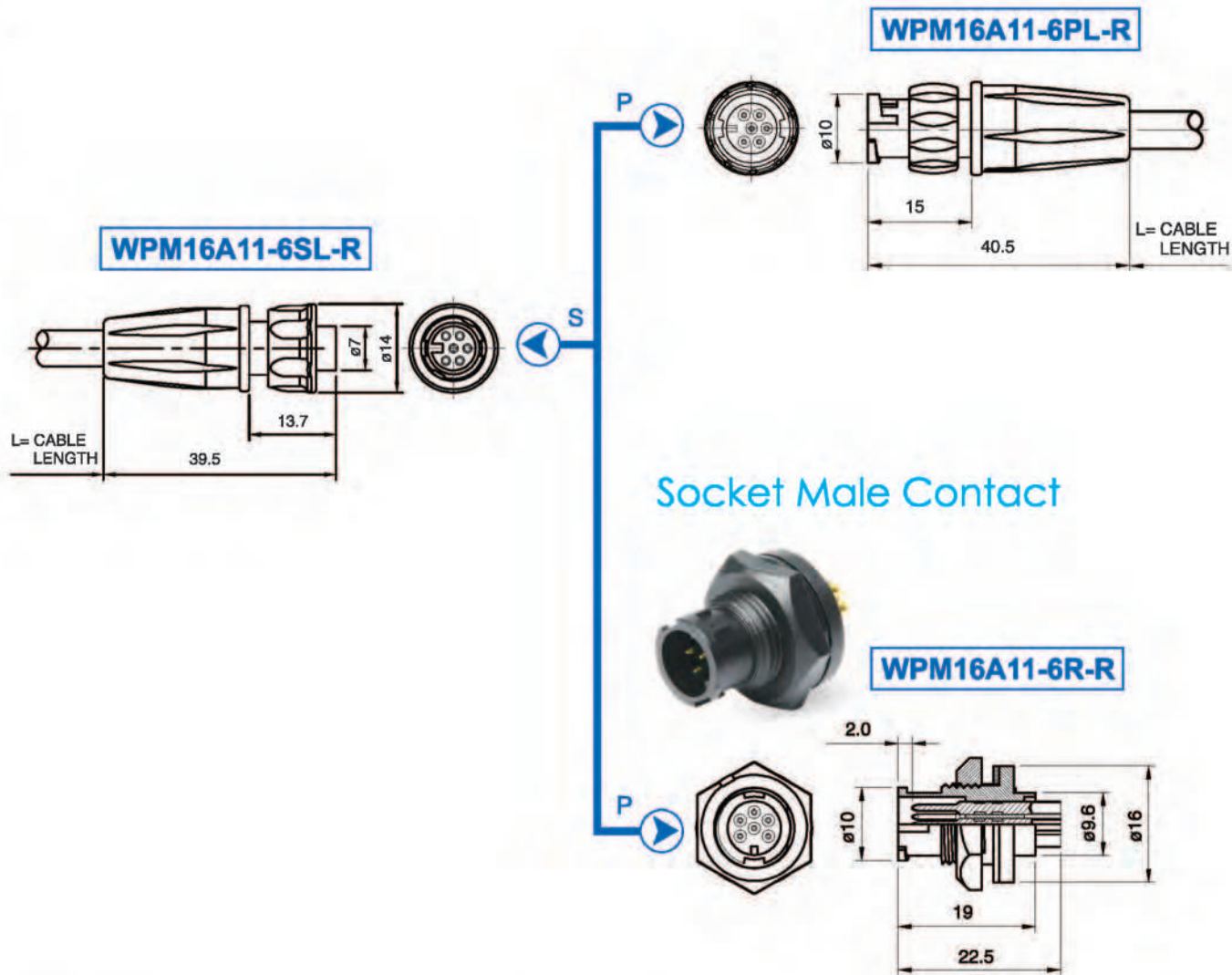
⚠ 警告 : 為避免觸電, 通電狀態下禁止插拔電源線连接器。

⚠ 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 Male Contact



WPM SERIES 5



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

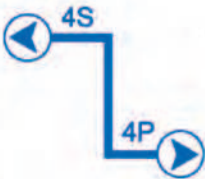
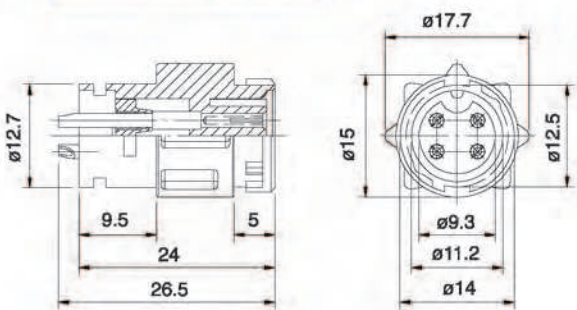


Plug Female Contact

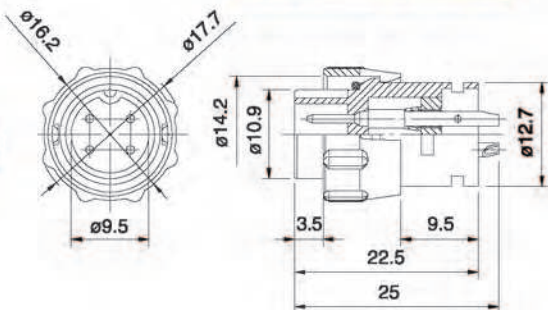
Plug Male Contact



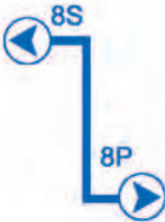
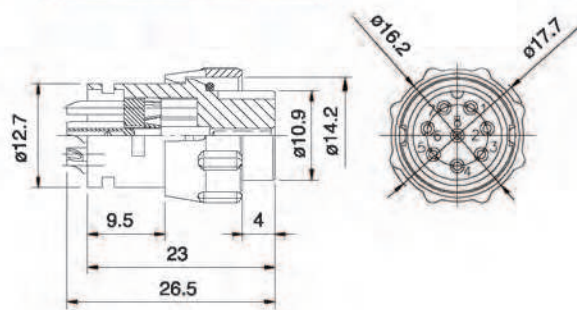
WPM16C12-4S-R



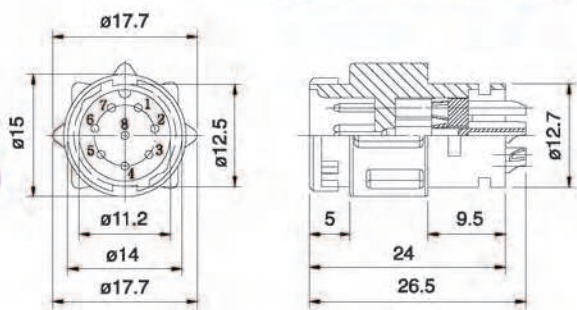
WPM16C12-4P-R



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				

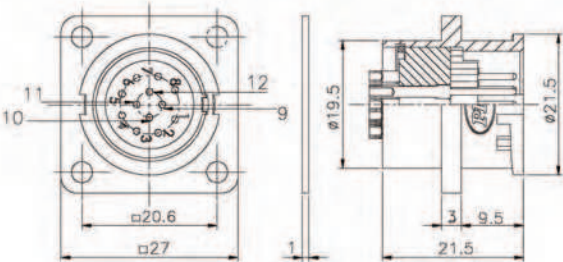


Socket Male Contact

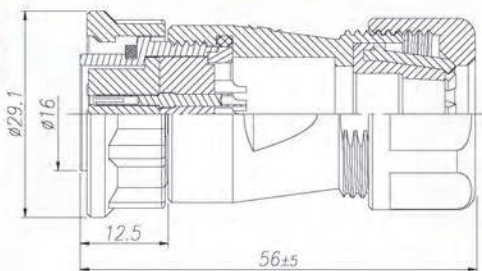
Plug Female Contact



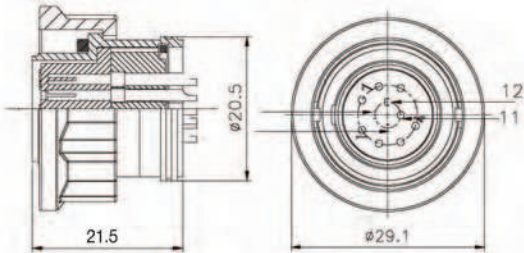
WPM-19-**RM-R**



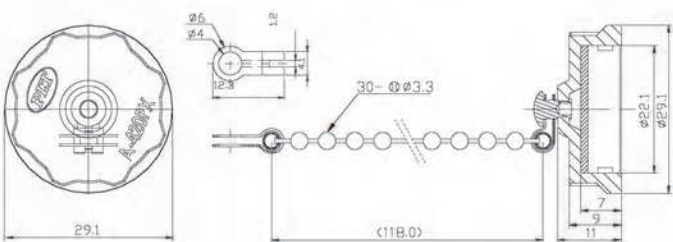
WPM-19-**SPF-R**



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

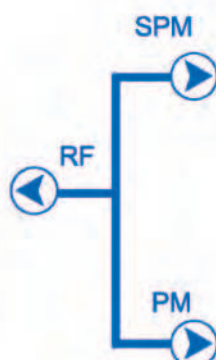
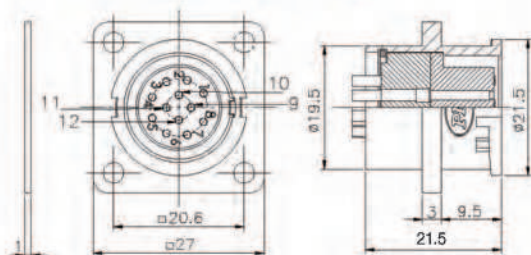
IP67

Socket Female Contact

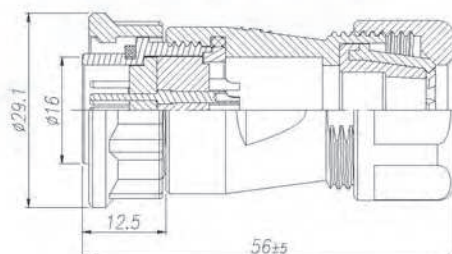
Plug Male Contact



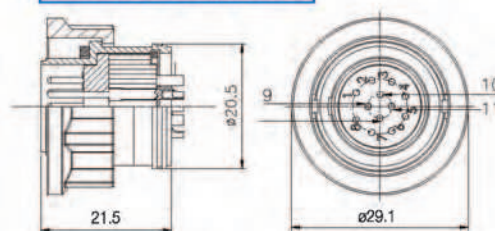
WPM-19◆-RF-R



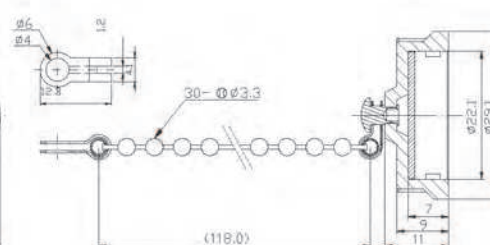
WPM-19◆-SPM-R



WPM-19◆-PM-R



WPM-19◆-RCa-R

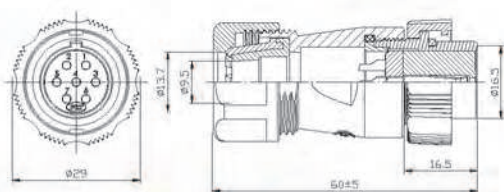
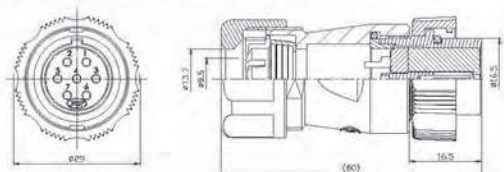
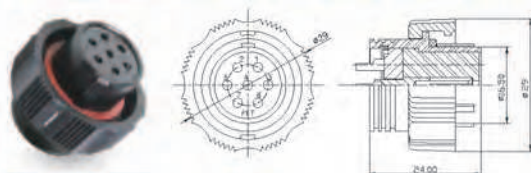
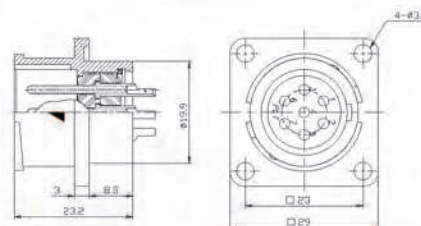
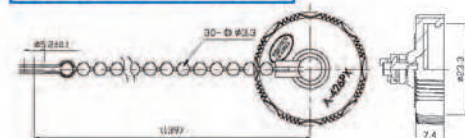


◆ No. of contacts	8	12				
Contacts Configuration						
Rated voltage	125V AC	125V AC				
Rated current	5A	5A				
Operating voltage limit (AC.V.rms)	125	125				
Withstanding voltage (AC.V. rms) 1 minute	300	300				
Insulation resistance (MΩ MIN.) at DC 500V	100	100				
Contact resistance (mΩ MAX.) at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

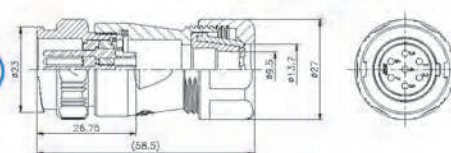
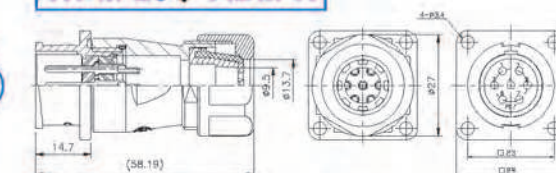


Plug Female Contact

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**

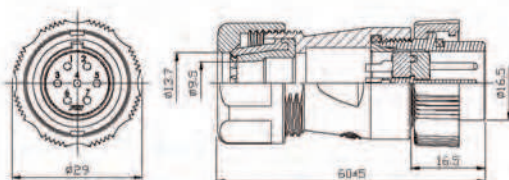
Adapter Male Contact

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

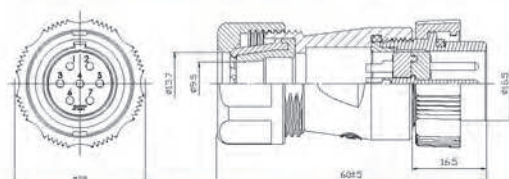
No. of contacts	2	3	4	5	7	12
Contacts Configuration						
Rated voltage	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC
Rated current	15A	15A	15A	15A	10A	5A
Operating voltage limit (AC.V.rms)	250	250	250	250	250	250
Withstanding voltage (AC.V. rms) 1 minute	1500	1500	1500	1500	1500	1000
Insulation resistance (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

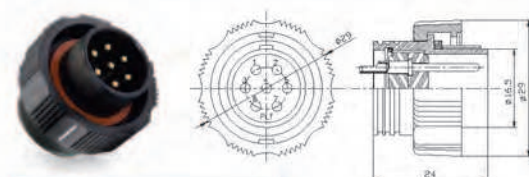
Socket Female Contact



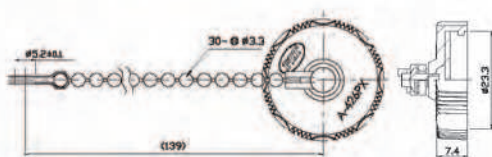
WPM-20-SPM-R



WPM-20-WSPM2.5-R

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

WPM-20-PM-R

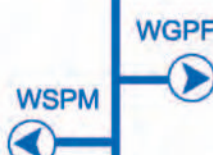


WPM-20-RCa-R



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



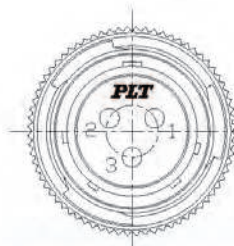
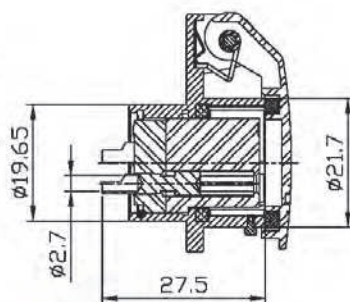
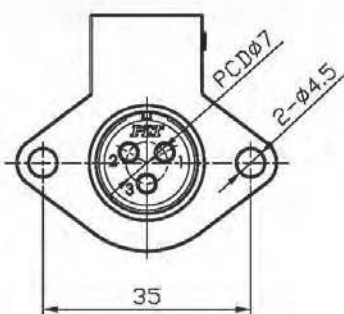
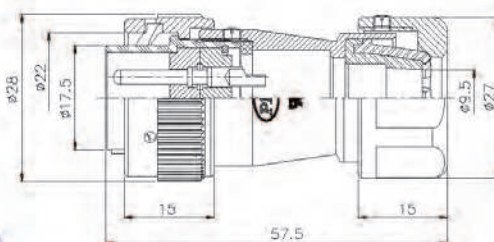
WPM-20-ADFA-R

◆ 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**-RWPM-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

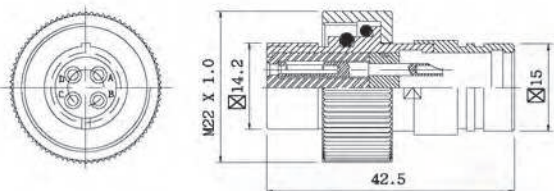


Cable Clamp

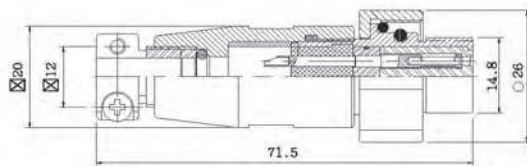
SHELL: STAINLESS STEEL
(不銹鋼)

5

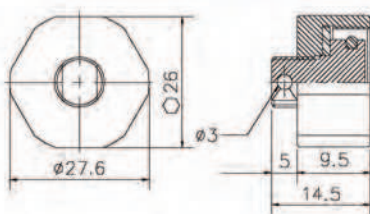
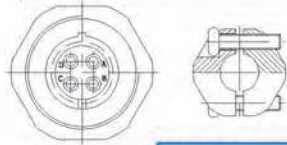
WPM SERIES



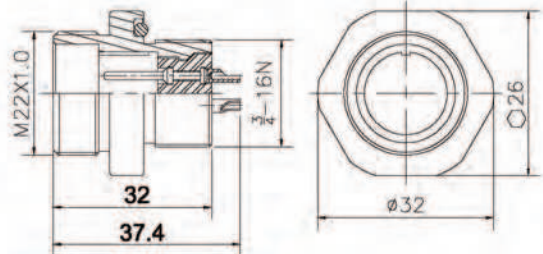
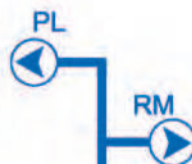
WPM-21-PL-R



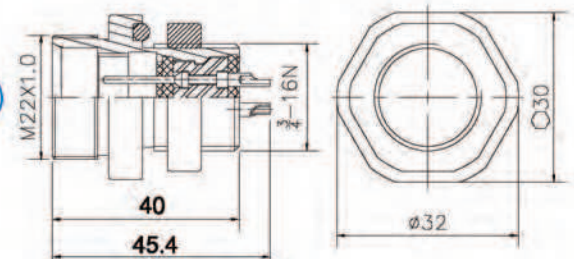
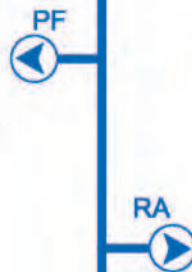
WPM-21-PF-R



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					

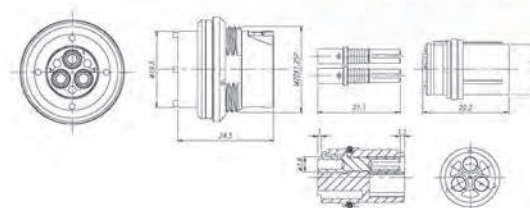
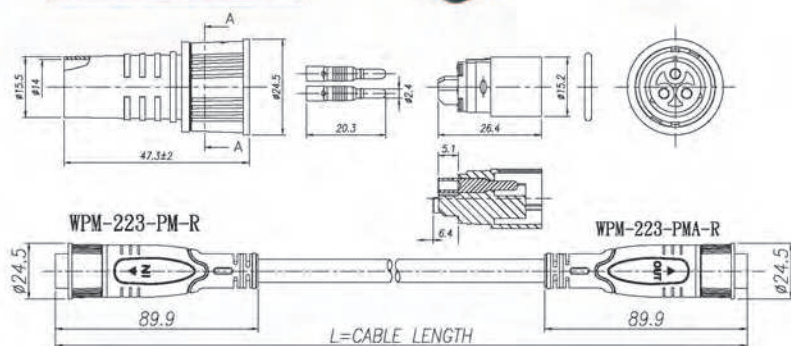


Plug Male Contact

Socket Female Contact

WPM-223-PM-R

WPM-223-RF-R

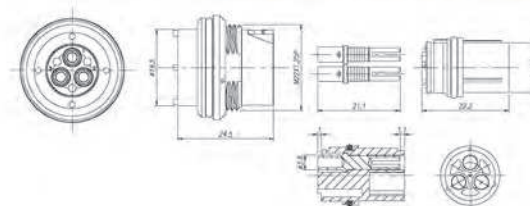
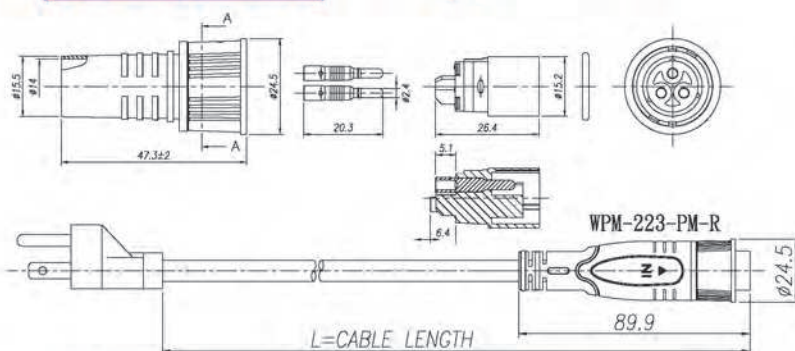


No. Electrical Specification

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					

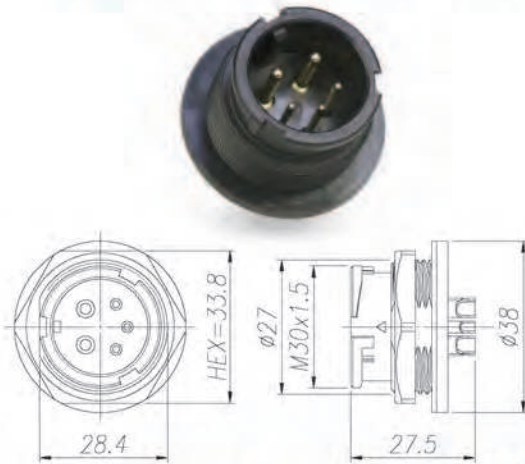
30

Waterproof Connector

IP67

Socket Male Contact

Plug Female Contact



WPM-305A-RM-R

RM

PF

WPM-305A-PF-R

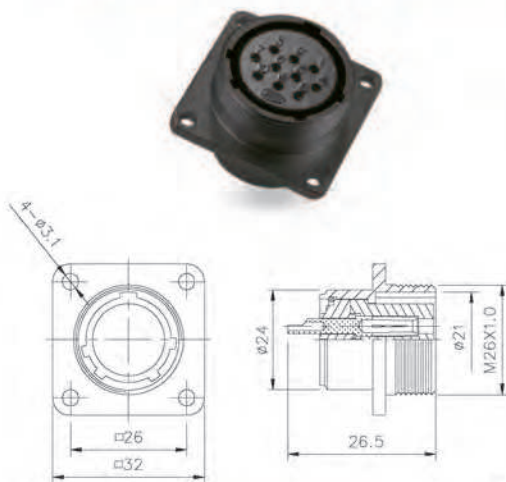
No. of contacts	5
Contacts Configuration	
Rated voltage	250V AC
Rated current	5A / 20A
Operating voltage limit (AC.V.rms)	250
Withstanding voltage (AC.V. rms) 1 minute	1000
Insulation resistance (MΩ MIN.) at DC 500V	1000
Contact resistance (mΩ MAX.) at DC 1A	3

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

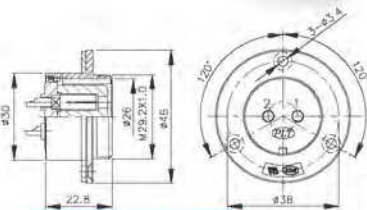
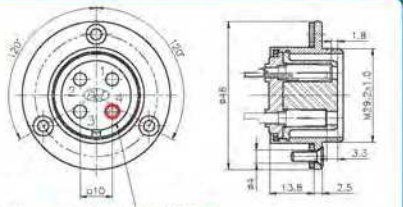
30

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

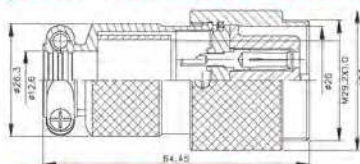
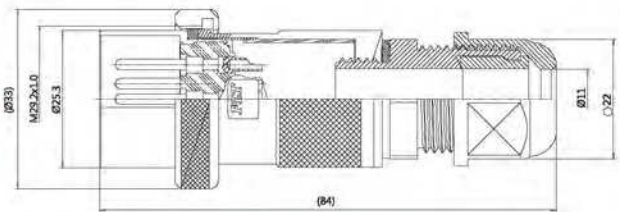
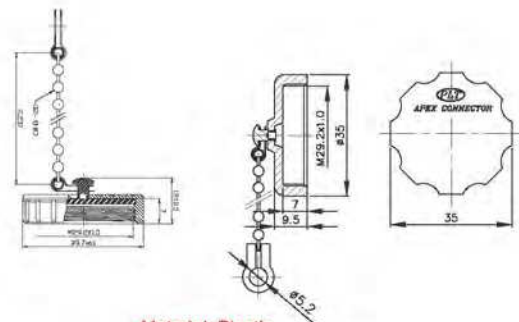
PLT-304E-RF-R



*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

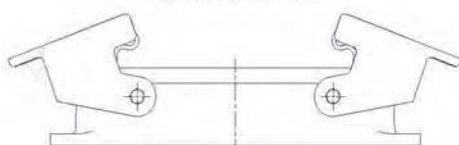
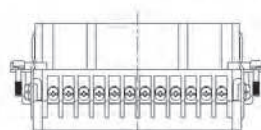
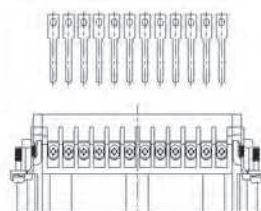
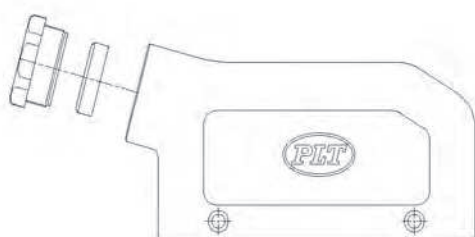
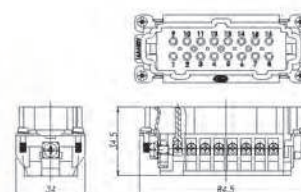
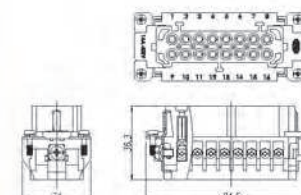
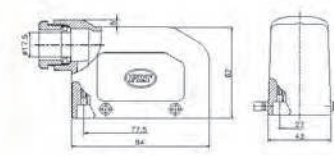
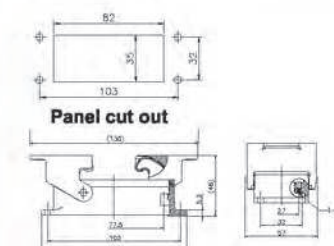
16M : 16 POLE MALE INSERT
 16F : 16 POLE FEMALE INSERT
 24M : 24 POLE MALE INSERT
 24F : 24 POLE FEMALE INSERT

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



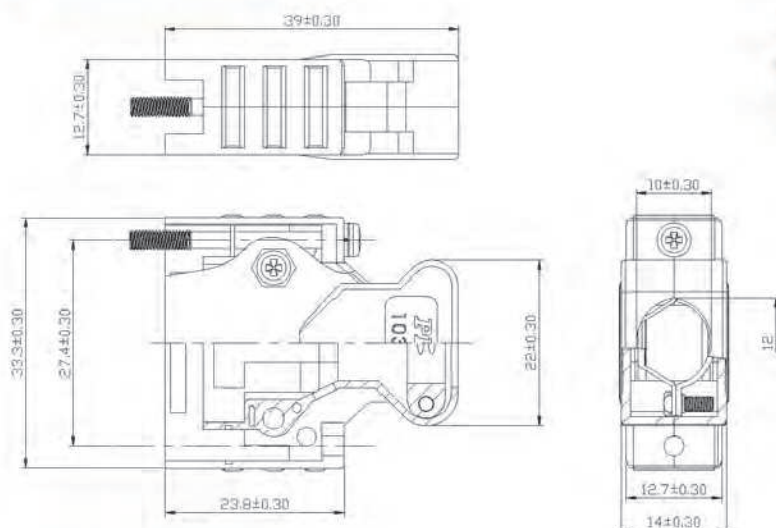
PLP-124A-24F+

PLP-124A-24M

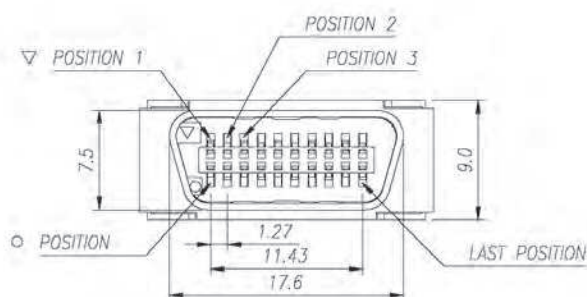
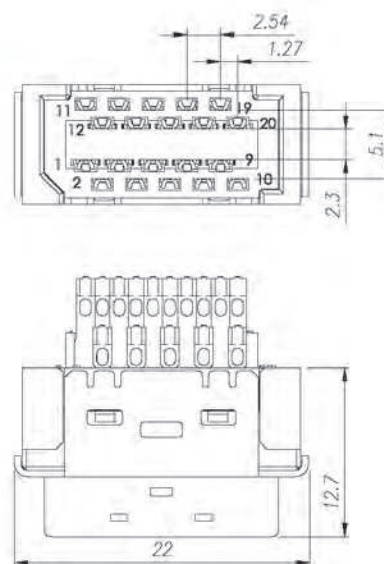
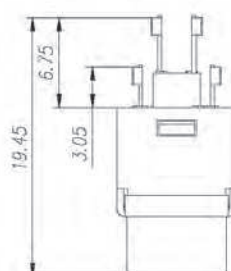
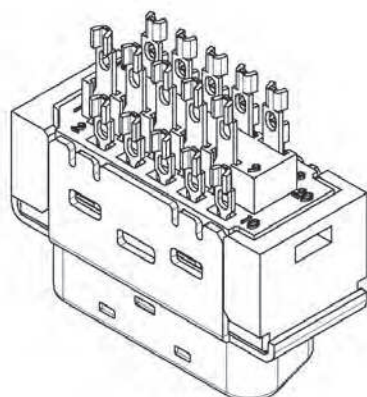
PLP-141P20 Series

PLP Series

PLP-141P20A

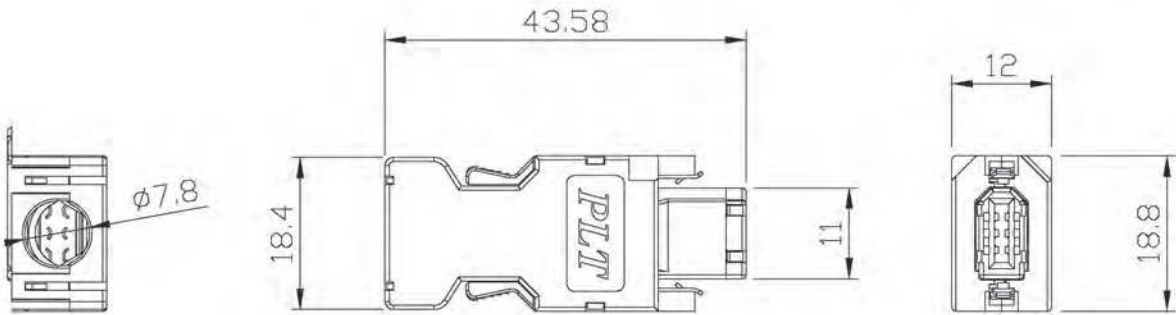
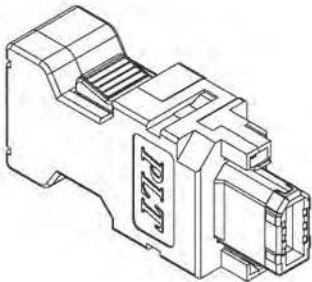
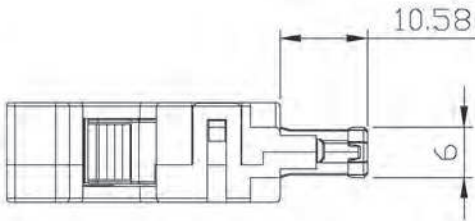


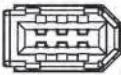
PLP-141P20B



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 ⁸ 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			

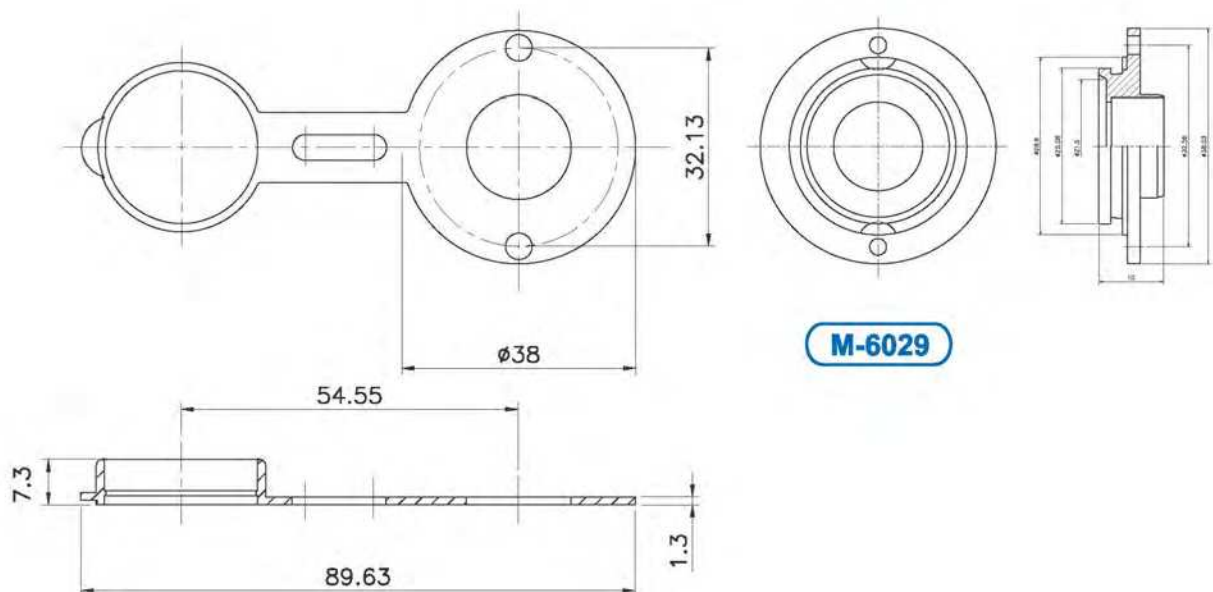
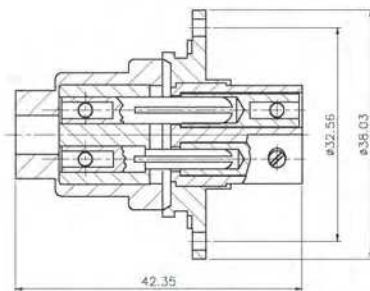
M-6029 Series

Plug Male Contact

Socket Female Contact



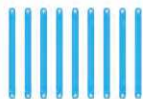
M-6029



7

COMPLEX SERIES - M SERIES

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 - IATF 16949 全球汽車產業品質管理系統認證通過
Certified In Global Automobile Industry
 - I S O 9001 國際品質管理系統認證通過
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Quality Management Systems

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