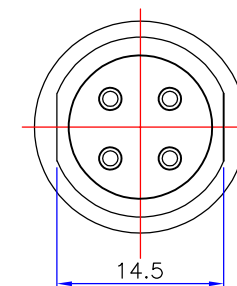
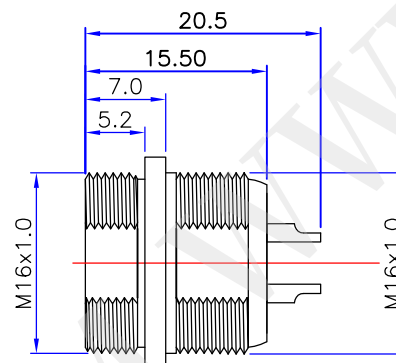
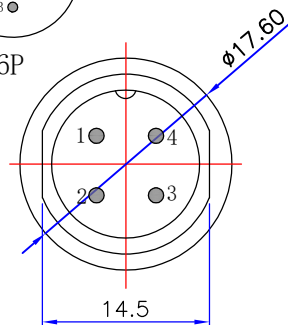
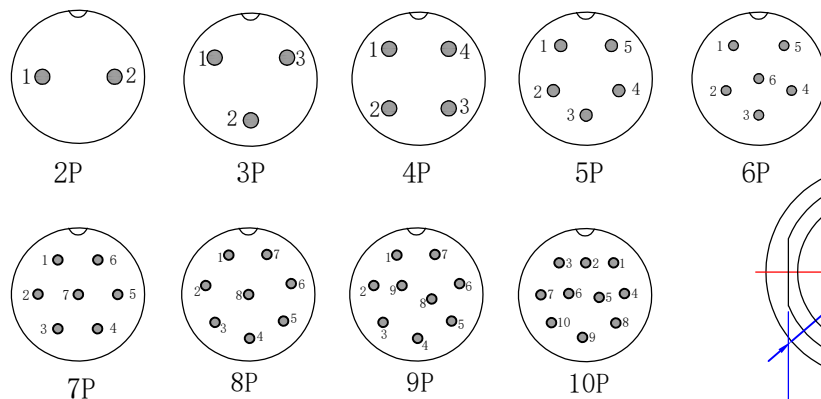


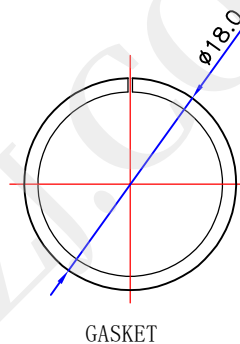


|             |             |              |            |           |
|-------------|-------------|--------------|------------|-----------|
| Product NO. |             | DS869MCS0048 |            |           |
| ISSUE       | DESCRIPTION | DWN          | DATE       | APPROVEN  |
| A           | First issue | Gavin        | 2022/06/15 | JIM. KING |

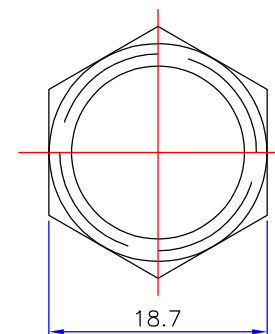
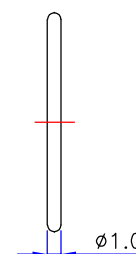


### Material and specifications

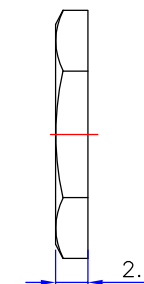
Coupling    Threaded coupling  
Shell material    Zinc alloy with Nickel Plate  
Insert material    bakelite  
Contact material    copper Silver Plate/Nickel  
Termination    Solder  
Mating cycle    500  
Cable diameter    -20℃ +85℃



GASKET



NUT



| Technology parameter                    |      |      |      |      |      |      |      |      |      |
|-----------------------------------------|------|------|------|------|------|------|------|------|------|
| NO.of contacts                          | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
| Rated current (A)                       | 7    | 7    | 7    | 7    | 5    | 5    | 5    | 5    | 5    |
| Operation limit voltage(AC.V.rms)       | 220  | 220  | 125  | 125  | 125  | 125  | 125  | 125  | 125  |
| Withstanding voltage(AC.V.rms) 1 minute | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| Insulation resistance (mΩ)              | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| Contact resistance (mΩ)                 | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Solder cup mouth aperture               | Ø1.4 | Ø1.4 | Ø1.4 | Ø1.2 | Ø0.8 | Ø0.8 | Ø0.8 | Ø0.8 | Ø0.8 |
| Solder inter diameter                   | Ø2.5 | Ø2.5 | Ø2.5 | Ø2.0 | Ø1.2 | Ø1.2 | Ø1.2 | Ø1.2 | Ø1.2 |

|                                               |                                                                                              |            |       |      |      |      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|------------|-------|------|------|------|
| -TOLERANCES-<br>UNLESS OTHERWISE<br>SPECIFIED | DOSIN INDUSTRIAL(HK)CO.,LTD<br>东莞市德索五金电子有限公司<br>Dongguan Dosin Hardware Electronics Co.,Ltd. |            |       |      |      |      |
|                                               | PART DESCRIPTION:<br>GX16 MALE CONNECTOR                                                     |            |       |      |      |      |
|                                               | Appr: JIM. KING P/N: DS869MCS0048                                                            |            |       |      |      |      |
|                                               | Check:                                                                                       | Date       | Scale | Unit | Type | Page |
| Draw: Gavin                                   |                                                                                              | 2022.06.15 | Free  | MM   | Z    | 1/1  |