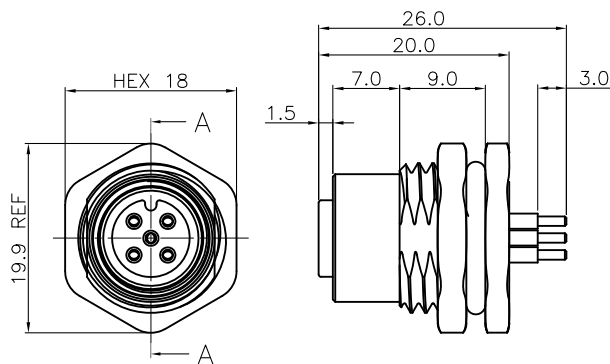


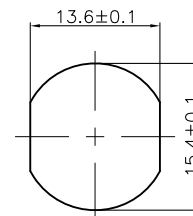
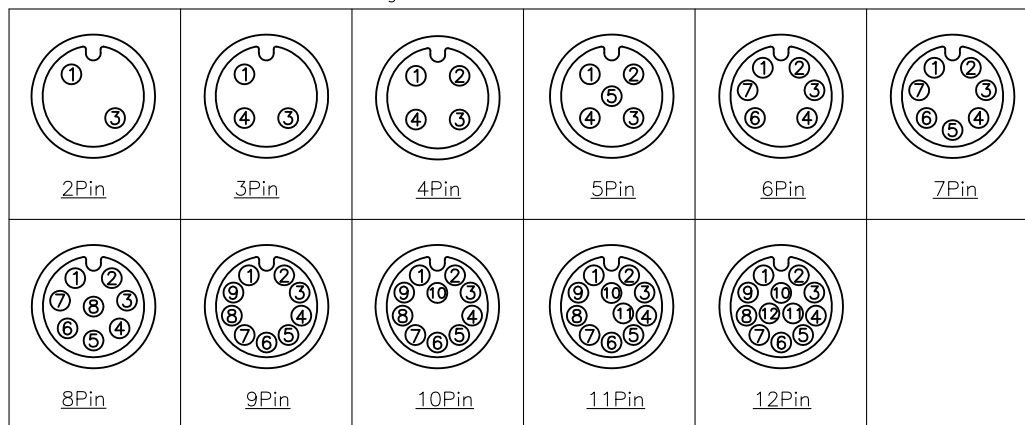
Section A-A

# Specifications:

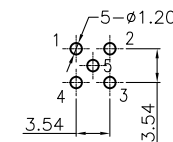
Current Rating:4A(2~5P);2A(6~8P);1.5A(9~12P)AC/DC  
Voltage Rating:250V(2~4P);60V(5P);30V(6~12P)AC/DC  
Contact Resistance:5m ohm. Max.  
Insulation Resistance:100M ohm. Min.  
Withstanding Voltage:500V AC/Minute  
Waterproof rate:IP67  
Operating Temperature Range:-40°C ~ +100°C  
Material and Finish



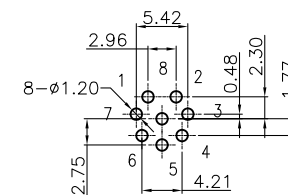
Pin Assignments Front View



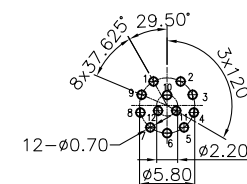
PG9 Recommended Panel CUT-Out  
Thickness:4.0mm



2~5P Recommended PCB Layout  
TOL:±0.05mm



6~8P Recommended PCB Layout  
TOL:±0.05mm



9~12P Recommended PCB Layout  
Tolerance:±0.05mm

| ITEM | Description | Material     | Remark                           | Q'TY |
|------|-------------|--------------|----------------------------------|------|
| 1    | Insulator   | Nylon        | UL94V-0 Black                    | 1    |
| 2    | Terminal    | Copper Alloy | Gold Plated 3u"                  | 2~12 |
| 3    | Shell       | Copper Alloy | Nickel Plated 60u"               | 1    |
| 4    | Seal ring   | Silicone     | Red                              | 2    |
| 5    | Nut         | Copper Alloy | PG9 or M16<br>Nickel Plated 60u" | 1    |

## RoHS Compliant

## TOLERANCES ARE



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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±  
.X ± 0.30  
.XX ± 0.20  
.XXX ±  
ANG ±

照片框

## ORDER INFORMATION

M12-SDPBN015-xx-LF  
SERIES  
FEMALE  
DIP 180°  
LEADFREE  
02~12 WAY  
15.4 DIA  
O-RING  
NUT  
PANEL BACK

DESCRIPTION: M12 A CODE SOCKET STRAIGHT DIP TYPE