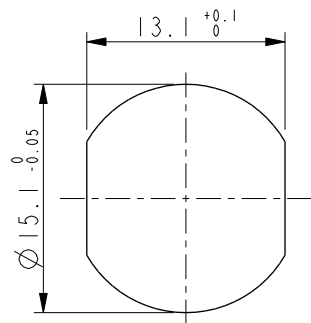
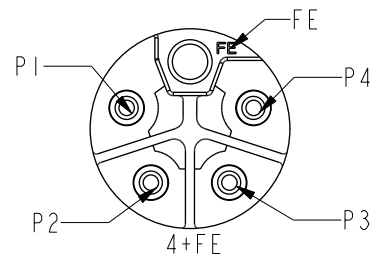


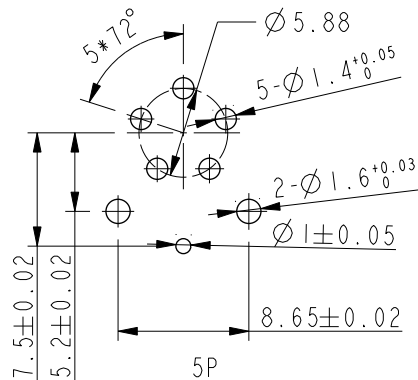
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2024/03/19	Yunchen	Rev.03 to Rev.A
B	C241212	2024/11/04	Zed	 X3
C	C251374	2025/10/28	Vicky	 X2



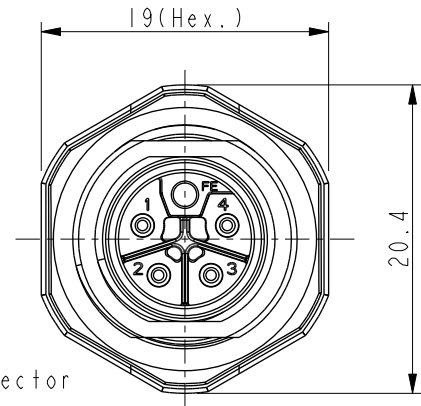
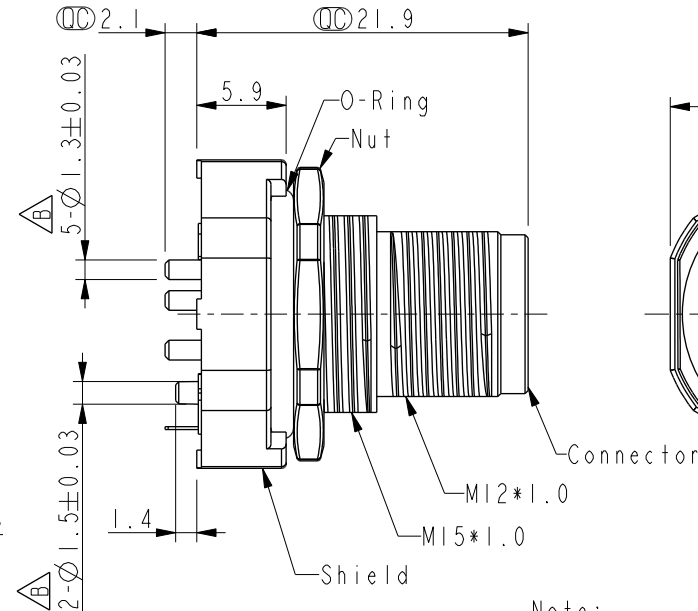
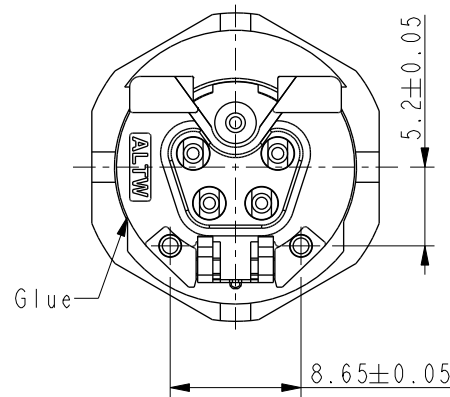
Recommended
Panel Cut-Out



Pin Assignment
Front View



Recommended PCB Layout



MSLS-XXPMEP-SF8004

-XX: No. of Pin

Note:

- * RoHS Compliant
- *  Important dimension
- * Waterproof rate: IP68, unmated 1m/24h
 IP69K mated

- * Connector
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
Spring: Metal
O-Ring: Rubber, Black

- ```
* Shield: Metal
* Nut: Metal
* O-Ring: Rubber, Gray
* For panel thickness max: 4.0mm
* For pcb thickness: 1.6mm
```

- \* The Nut Is Packed Separately In The Bag

|                                                             |  |           |  |                                                                  |  |                     |                                              |  |                              |  |                     |  |                    |  |  |
|-------------------------------------------------------------|--|-----------|--|------------------------------------------------------------------|--|---------------------|----------------------------------------------|--|------------------------------|--|---------------------|--|--------------------|--|--|
| UNIT : mm                                                   |  |           |  | TITLE<br>N SEN, M12 L-SHLD, SCREW<br>RECEPTACLE, M, M+F G, PCB S |  |                     | <h1>Amphenol LTW</h1> <h2>安費諾亮泰企業股份有限公司</h2> |  | ITEM NO                      |  | DRAWN BY<br>Vicky   |  | DATE<br>2025-10-28 |  |  |
| TOLERANCE<br>.X ±0.25<br>.XX ±0.1<br>.XXX ±0.05<br>ANGLES ± |  | SCALE 2:1 |  | SIZE A4                                                          |  | SHEET 1 OF 1        |                                              |  | DWG NO<br>MSLS-XXPMEP-SF8004 |  | CHECKED BY<br>Ruru  |  | DATE<br>2025-10-28 |  |  |
|                                                             |  | REV. C    |  | WC-REV. A.1                                                      |  | QC: Inspection item |                                              |  | CUSTOMER<br>ALTW             |  | APPROVED BY<br>Rita |  | DATE<br>2025-10-28 |  |  |

# Amphenol LTW

安費諾亮泰企業股份有限公司