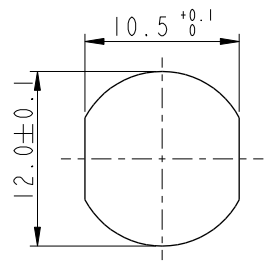
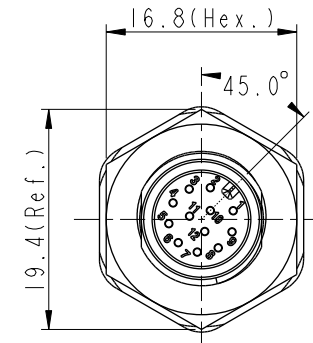
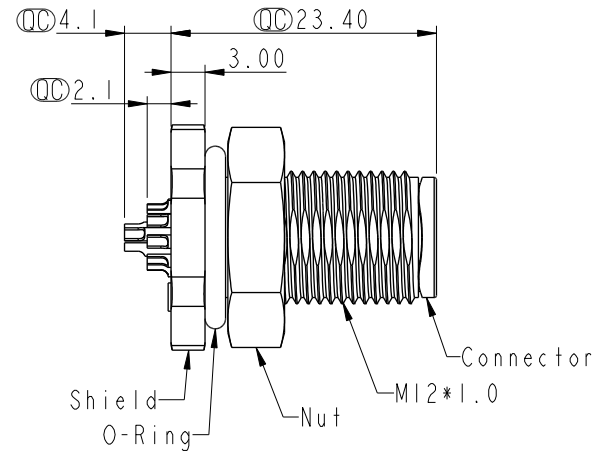
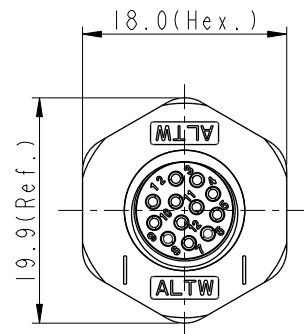


| REV. | ECN NO. | DATE       | SIGN    | DESCRIPTION                                                                           |
|------|---------|------------|---------|---------------------------------------------------------------------------------------|
| D    | C231037 | 2023/08/09 | Vicky   |  XI  |
| E    | C231337 | 2023/10/19 | Yunchen |  XI  |
| F    | C251212 | 2025/09/26 | Vicky   |  XI |



Recommended  
Panel Cut-Out



MSAP-XXPMMS-SF8003  
XX: No. Of Pin

**B**Note:

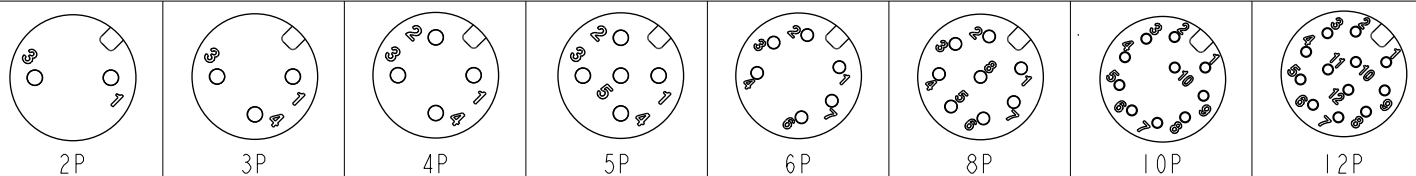
- \* RoHS Compliant
- \* **QD** Important dimension

**C**\* Waterproof rate: IP68, unmated 1m/24h

**D** IP69K, mated

- \* Connector
- Housing: Thermoplastic, Black
- Pin: Copper alloy, Gold plated
- \* Shield: Thermoplastic, Black
- \* Nut: Thermoplastic, Black
- \* O-Ring: Rubber, Gray
- \* For panel thickness max: 4.0mm

**F**\*The Nut Is Packed Separately In The Bag



### Pin Assignment Front View

|                                                               |  |                                                                                                                                                                         |  |                                                                                                                                                          |  |                     |                                             |                  |  |                              |  |                    |  |                    |  |
|---------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|---------------------------------------------|------------------|--|------------------------------|--|--------------------|--|--------------------|--|
| UNIT : mm                                                     |  |   |  | TITLE<br>N SEN, M12 A - PLASTIC, SCREW<br>RECEPTACLE, M, M, SOLDER  |  |                     | <b>Amphenol LTW</b><br><b>安費諾亮泰企業股份有限公司</b> |                  |  | ITEM NO                      |  | DRAWN BY<br>Vicky  |  | DATE<br>2025-09-26 |  |
| TOLERANCE<br>.X ±0.25<br>.XX ±0.1<br>.XXX ±0.05<br>ANGLES ±0° |  | SCALE 3:2                                                                                                                                                               |  | SIZE A4                                                                                                                                                  |  | SHEET 1 OF 1        |                                             |                  |  | DWG NO<br>MSAP-XXPMMS-SF8003 |  | CHECKED BY<br>Ruru |  | DATE<br>2025-09-26 |  |
|                                                               |  | REV. F                                                                                                                                                                  |  | WC-REV. A.6                                                                                                                                              |  | QC: Inspection item |                                             | CUSTOMER<br>ALTW |  | APPROVED BY<br>Rita          |  | DATE<br>2025-09-26 |  |                    |  |