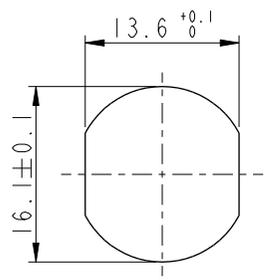


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
F	C221973	2022/12/26	Ruru	$\triangle F$ XI
G	C231034	2023/08/09	Ruru	$\triangle G$ XI
H	C251212	2025/09/26	Vicky	$\triangle H$ XI

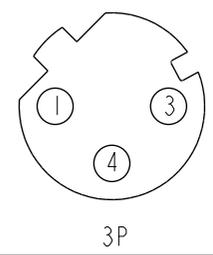
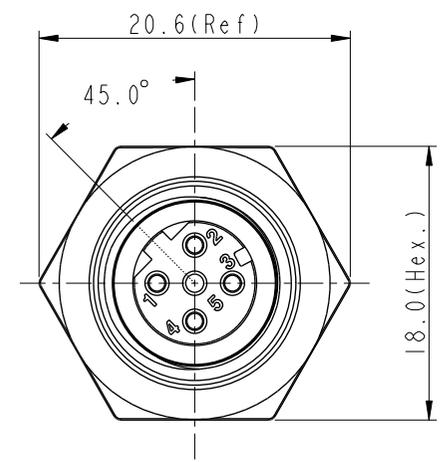
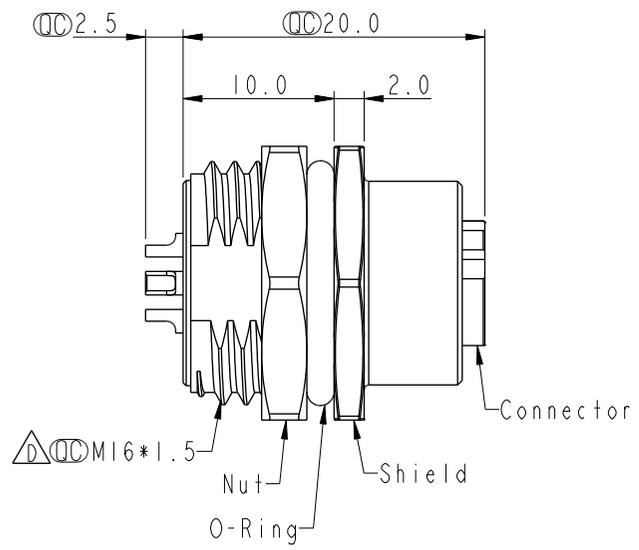
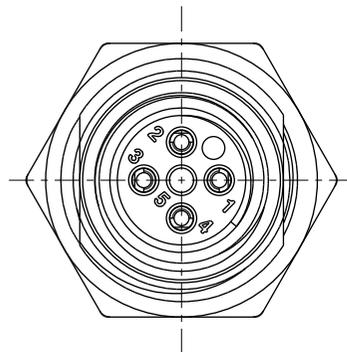


Recommended Panel Cut-Out

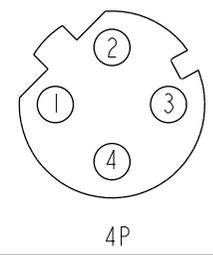


M12D-XXPFFS-SH8002

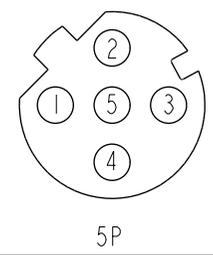
XX: No. Of Pin



3P

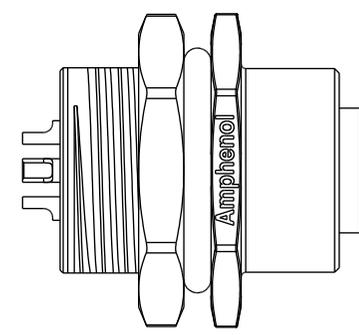


4P



5P

Pin Assignment Front View



- $\triangle D \triangle E$ Note:
- * RoHS Compliant
 - * CC Important dimension
 - * $\triangle C \triangle F$ * Waterproof rate: IP68, unmated 1m/24h
 $\triangle G$ IP69K, mated
 - * Connector
 Housing: Thermoplastic, Black
 Pin: Copper alloy, Gold plated
 O-Ring: Rubber, Green
 - * Shield: Metal
 - * Nut: Metal
 - * O-Ring: Rubber, Black
 - * For panel thickness max: 4.5mm
 - * $\triangle H$ * The Nut Is Packed Separately In The Bag

UNIT: mm	
TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

TITLE N SEN, M12 D, SCREW RECEPTACLE, F, F, SOLDER			
SCALE 2:1	SIZE A4	SHEET 1 OF 1	
REV. H	WC-REV. A.5	CC : Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DWG NO
	$\triangle A$ M12D-XXPFFS-SH8002
CUSTOMER	ALTW

DRAWN BY	CHECKED BY
Vicky	Ruru
APPROVED BY	
Rita	

DATE	DATE
2025-09-26	2025-09-26
DATE	DATE
2025-09-26	2025-09-26