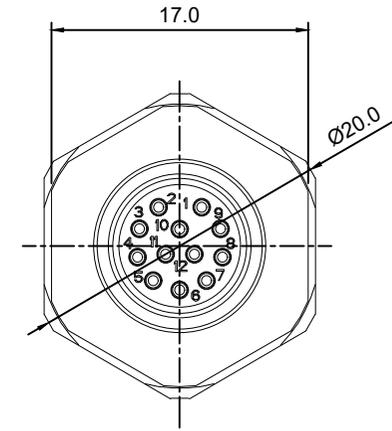
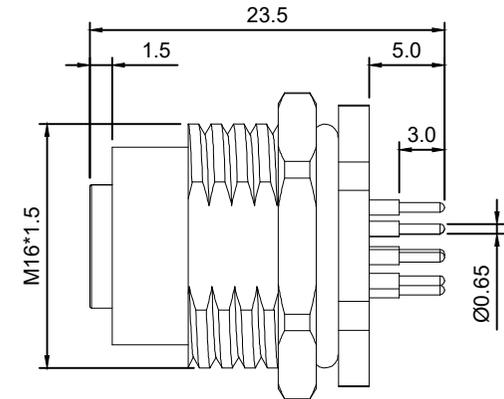
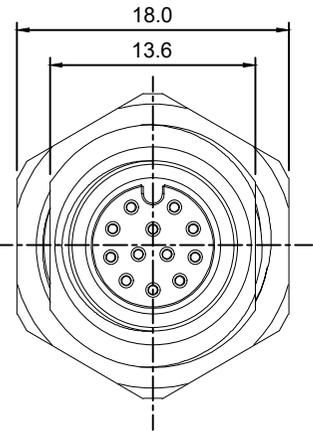
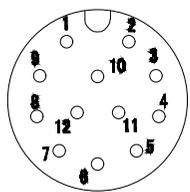
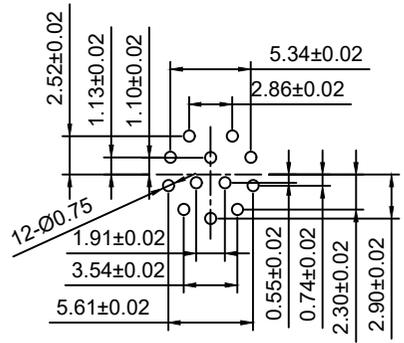
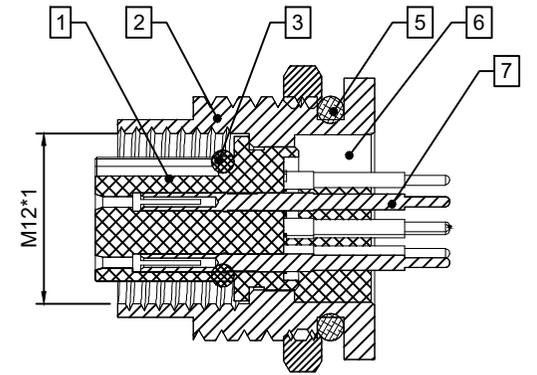
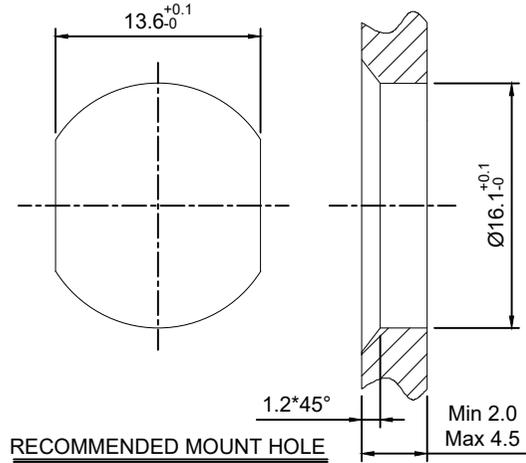


Rev.	ECN#	Description	Changed by	Date
A	None	First release.	Tao	2022-09-23
B	None	PCB View orientation update.	Tao	2022-10-12

**NOTE:**

1. ELECTRICAL CHARACTERISTICS:
  - 1.1 RATED VOLTAGE: 250V
  - 1.2 RATED CURRENT: 1.5A
  - 1.3 CONTACT RESISTANCE:  $\leq 3m\Omega$
2. MECHANICAL CHARACTERISTIC:
  - 2.1 DURABILITY: 100 CYCLES
3. ENVIRONMENTAL CHARACTERISTIC:
  - 3.1 TEMPERATURE RANGE:  $-40^{\circ}C \sim +85^{\circ}C$
  - 3.2 FLAMMABILITY RATING: V-0
  - 3.3 IP GRADE: IP67
4. STANDARD: IEC-61076-2-101
5. ALL MATERIALS AND PROCESS ARE RoHS COMPLIANT.



PCB RECOMMENDED MOUNT HOLES

PIN ARRANGEMENT DIAGRAM

⑦	CONTACT	COPPER ALLOY	GOLD	12 EA
⑥	BLACK GLUE	EPOXY RESIN	BLACK	1 EA
⑤	O-RING	NBR	BLACK	1 EA
④	HEX NUT	COPPER ALLOY	NICKEL	1 EA
③	O-RING	NBR	BLACK	1 EA
②	BODY	COPPER ALLOY	NICKEL	1 EA
①	INSULATOR	NYLON	BLACK	1 EA
ITEM	NAME	MATERIAL	TREATMENT	QTY

**Bill Of Material**

TOLERANCES UNLESS OTHERWISE SPECIFIED	
ONE PLACE DECIMAL .X	$\pm 0.20$
TWO PLACE DECIMAL .XX	$\pm 0.10$
THREE PLACE DECIMAL .XXX	$\pm 0.05$
HOLE DIA. VARIATION .XX	N/A
ANGULAR DIMENSION	$\pm 3^{\circ}$

Signature	
Approved By:	
Checked By:	
Drawn By:	Tao

**SHINTO ELECTRONICS CO.,LTD**  
<http://www.shinto-electronics.com>

Shinto P/N: M12AFS012-0023	
Description: M12 Code A Female Straight 12P	
Material: See BOM	Treatment: See BOM
Unit: mm	Size: A4
Scale: 2:1	Sheet: 1 of 1