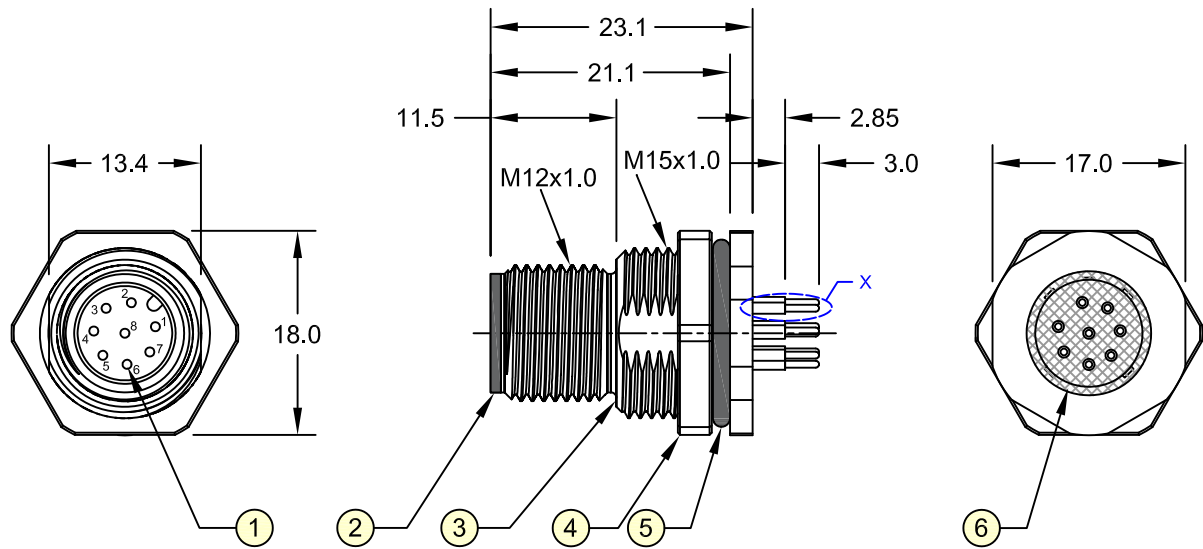
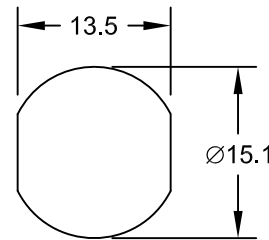
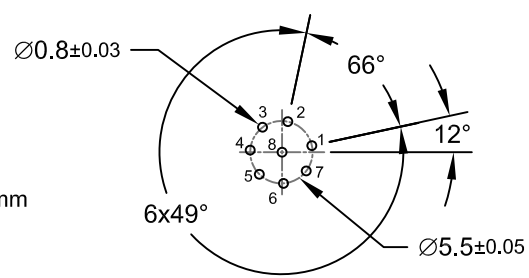
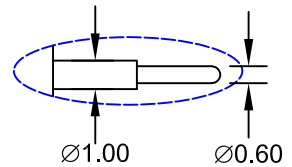


REV.	DESCRIPTION	DATE	DRAWN
A	New	08.03.2017	Cherry
B	General update	04.07.2019	Cheng



Detail X



Recommended PCB Layout Top View

Recommended Panel Cut-out (Tolerance ±0.05)

**Order Code**  
M12-MA08-TVFP-55/00



**Specifications**

**Electrical**  
 Current rating: 2A per contact  
 Insulation resistance: 100MΩ min.  
 Voltage rating: 30V AC/DC  
 Withstanding voltage: 650V AC

**Mechanical Requirements**

Waterproof rate: IP68  
 Recommended panel thickness: 0.8 to 5.0mm  
 Recommended torque: 9~10 kgf-cm  
 Operating life: 100 cycles min.

In accordance with IEC 61076-2-101:2012

Item	Part Name	Materials / Finish(Color)	Q'TY
1	Contact	Copper Alloy / Au Plated	8
2	Housing	Thermoplastic / Black	1
3	Metal Body	Copper Alloy / Ni Plated	1
4	Hex Nut	Copper Alloy / Ni Plated	1
5	O-Ring	NBR / Black	1
6	Glue	Epoxy / Black	-

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UNIT	mm	GENERAL TOLERANCE		DRAWN	Cherry	DATE	08.03.2017	DWG. NO.	M12-MA08-TVFP-55/00	SHEET	1/1
SCALE	Free	X.° ±	X. ±	CHECK	Cheng	DATE	04.07.2019	SERIES NO.	M12-MA08-TVFP-55/00	REV.	B
		.XX° ±	.XX ± 0.20	APPROVE	Fagi	DATE	04.07.2019				
		.XXX° ±	.XXX ±								

**M12 Circular Connector**  
**8-Pin Male A - Coding Type**  
 THT - Panel Front Mount