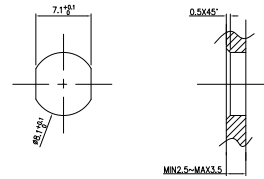


Pin No.	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN
A-Coded							
B-Coded							



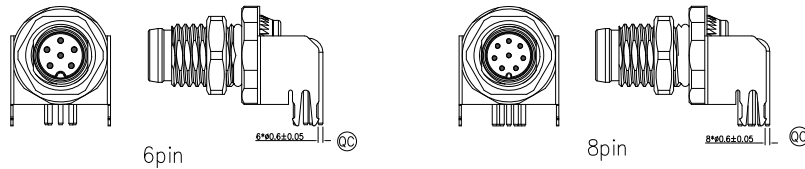
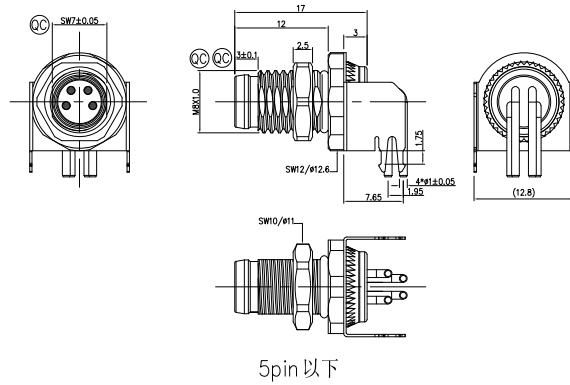
Recommended Panel Cut-Out

Note:

- ① Important Dimension
- Waterproof Rate: IP68
- This product must meet IEC61076-2-104
- This product must meet 2011/65/EU ROHS compliance.
- Not note tolerances: ± 0.20

PCB Layout Thickness of PCB: 1.6 mm

2PIN	3PIN	4PIN	5PIN
6PIN	7PIN	8PIN	



Ordering Information

FO01M8 - S X XX S R D 1 - 00
1 2 3 4 5 6 7 8 9

1 Series Name FO01M8-FM8	2 Category S-Socket	3 Coded A-A CODED B-B CODED	4 Circuits 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits	5 Contact S-Socket
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6 Entry Angle R-90° Angle	7 Wiring type D-Through Hole	8 Shield 1-with shield	9 SN 00
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Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt(40°C)	Contact resistance	Insulation resistance
	60V	1500V	4A	$\leq 5m\Omega$	$\geq 100M\Omega$
	60V	1500V	4A	$\leq 5m\Omega$	$\geq 100M\Omega$
	60V	1500V	4A	$\leq 5m\Omega$	$\geq 100M\Omega$
	60V	800V	4A	$\leq 5m\Omega$	$\geq 100M\Omega$
	30V	800V	1.5A	$\leq 5m\Omega$	$\geq 100M\Omega$
	30V	800V	1.5A	$\leq 5m\Omega$	$\geq 100M\Omega$
	30V	800V	1.5A	$\leq 5m\Omega$	$\geq 100M\Omega$

Connector locking system	Screw
Wiring type	Through Hole
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overvoltage categorie	II
Material group	II
Material of contact	CuZn (Messing/brass)
Contact plating	Au
Material of contact body	PA
Sealing	NBR
Material of housing	Brass nickel plated

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 11/June/23	PART NO. F001M8-SXXXSRD1-00	ITEM NO. F001M8	 Building Technology Cornerstone	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X.±5°	CHECKED BY CHERRY	DATE 11/June/23	TITLE M8X1.0 male socket 90° 【THR】 with shield		REV 0	SHEET NO. 1/1
SCALE 2:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°	DRAWN BY DANIEL	DATE 11/June/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	.XXX'±0.5°						