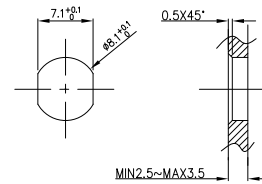
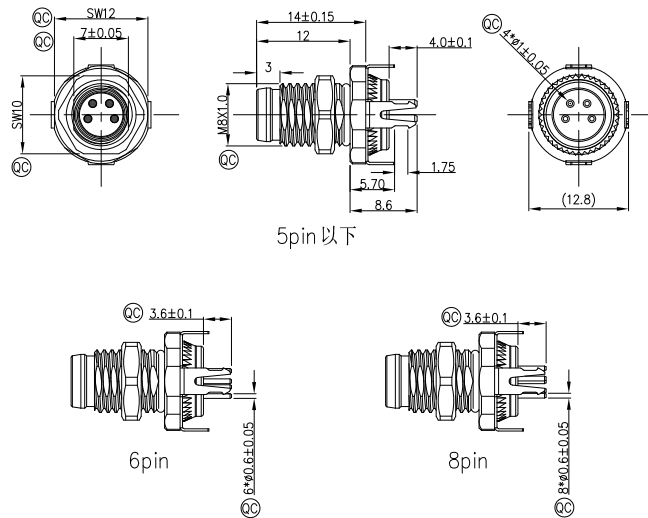


Pin No.	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN
Coded							
A-Coded							
B-Coded							



Recommended Panel Cut-Out

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



PCB Layout Thickness of PCB: 1.6 mm

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

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt(40°C)	Contact resistance	Insulation resistance
	60V	1500V	4A	≤5mΩ	≥100MΩ
	60V	1500V	4A	≤5mΩ	≥100MΩ
	60V	1500V	4A	≤5mΩ	≥100MΩ
	60V	800V	4A	≤5mΩ	≥100MΩ
	30V	800V	1.5A	≤5mΩ	≥100MΩ
	30V	800V	1.5A	≤5mΩ	≥100MΩ
	30V	800V	1.5A	≤5mΩ	≥100MΩ

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

Ordering Information

F001M8 - S X XX S S D 1 - 00
 1 2 3 4 5 6 7 8 9

1 Series Name F001M8-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
S-180° Vertical
7 Wiring type
D-Through Hole
8 Shield
1-with shield
9 SN
00

 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY FRANK	DATE 6/June/23	PART NO. F001M8-SXXXSSD1-00	ITEM NO. F001M8	 Building Technology Cornerstone REV 0 SHEET NO. 1/1
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 6/June/23	TITLE M8X1.0 male socket 180°【THR】 with shield	
	X.XX±.008(0.20)	.X'±2°	DRAWN BY DANIEL	DATE 6/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.XX±.006(0.15)	.XX'±1°				
	X.XXX±.004(0.10)	.XXX'±0.5°				