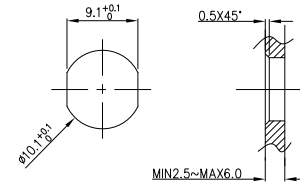


Pin No.	2PIN	3PIN	4PIN	5PIN	6PIN	7PIN	8PIN
Coded							
A-Coded							
B-Coded							

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	4/DEC		FRANK

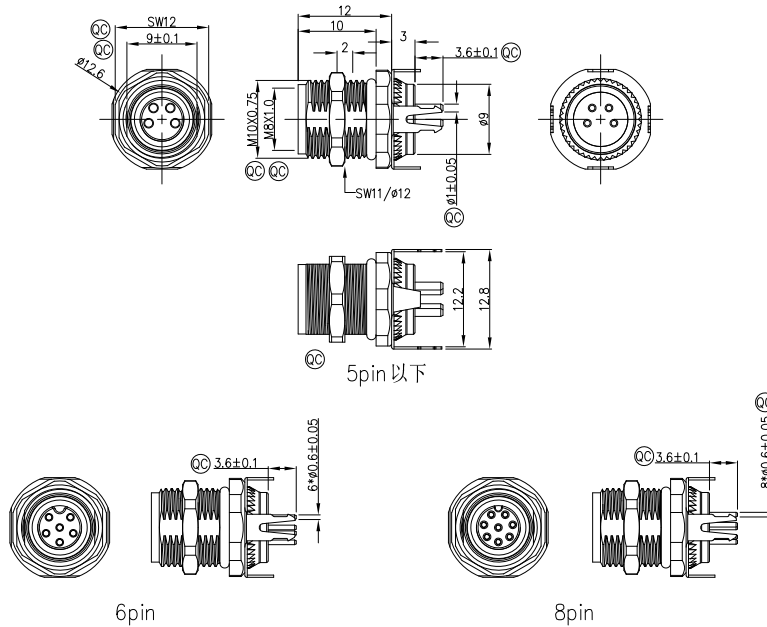


Recommended Panel Cut-Out

- 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: $\leq 1.6\text{mm}$

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



Ordering Information

F002M8 - S X XX P S 1 0 - 00
1 2 3 4 5 6 7 8 9

1 Series Name F002M8-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 P-Plug
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6 Entry Angle S-180° Vertical	7 Shield 1-with shield	8 reserve 0	9 SN 00
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Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt(40℃)	Contact resistance	Insulation resistance
	60V	1500V	4A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	60V	1500V	4A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	60V	1500V	4A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	60V	800V	4A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	30V	800V	1.5A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	30V	800V	1.5A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$
	30V	800V	1.5A	$\leq 5\text{m}\Omega$	$\geq 100\text{M}\Omega$

Connector locking system	Screw
Wiring type	Through Hole
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105℃
Lower temperature	-40℃
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 4/DEC/23	PART NO. F002M8-SXXXPS10-00	ITEM NO. F002M8	 Building Technology Cornerstone	
	X.±012(0.30)	X.±5°	CHECKED BY	DATE	TITLE M8X1.0 female socket 180°【THT】 front fastened M10X0.75 with shield		REV 0 SHEET NO. 1/1	
	X.X±.008(0.20)	X.±2°	CHERRY	4/DEC/23				
	DESIGN UNITS Metric	X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE 2:1	X.XXX±.004(0.10)	.XXX±0.5°	DANIEL	4/DEC/23				