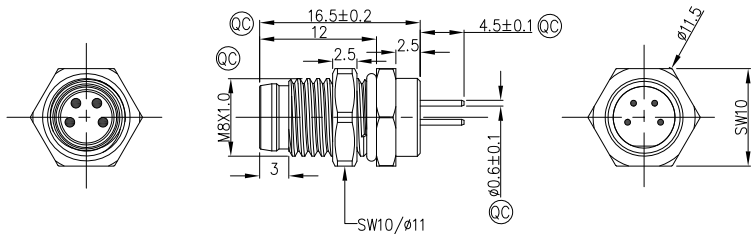


1	2	3	4	5	6	7	8
Pin No.	3PIN	4PIN			REV	LOCATIONS	DESCRIPTION
Coded					0		New Release
A-Coded							DATE
							24/Nov
							REVISER
							APPD
							FRANK

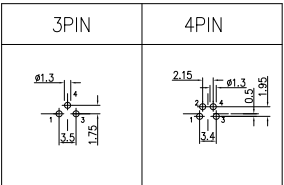
- Note:
- ① Important Dimension
 - Waterproof Rate: IP68
 - This product must meet IEC61076-2-104
 - This product must meet 2011/65/EU ROHS compliance.
 - Not note tolerances: ±0.20

Recommended Panel Cut-Out



3pin/4pin

PCB Layout



Ordering Information

F001M8 - S X XX S P D 0 - 01
1 2 3 4 5 6 7 8 9

1	Series Name	2	Category	3	Coded	4	Circuits	5	Entry Angle
	F001M8-FM8		S-socket		A-A CODED		03-3Circuits 04-4Circuits		S-180° Vertical
6	Contact	7	Wiring type	8	Shield			9	SN
	P-Pin		D-Through Hole		0-without shield				01

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

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY FRANK	DATE 6/June/23	PART NO. F001M8-SXXXSPD0-01	ITEM NO. F001M8	Building Technology Cornerstone
DESIGN UNITS I Metric	X.±.012(0.30) X.±5°	CHECKED BY CHERRY	DATE 6/June/23	TITLE MBX1.0 male socket 180°【THT】 without shield	REV 0	
SCALE 2:1	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		
SIZE A4	X.XX±.006(0.15) .XX'±1°			SHEET NO. 1/1		
	X.XXX±.004(0.10) .XXX'±0.5°					