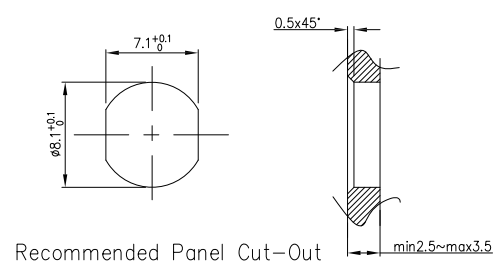
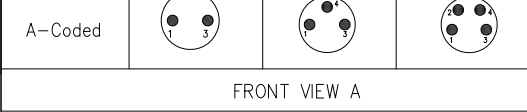
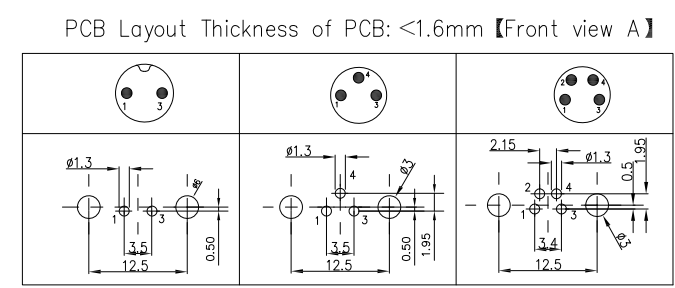
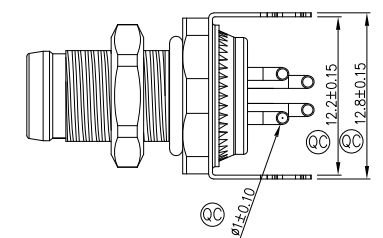
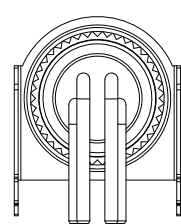
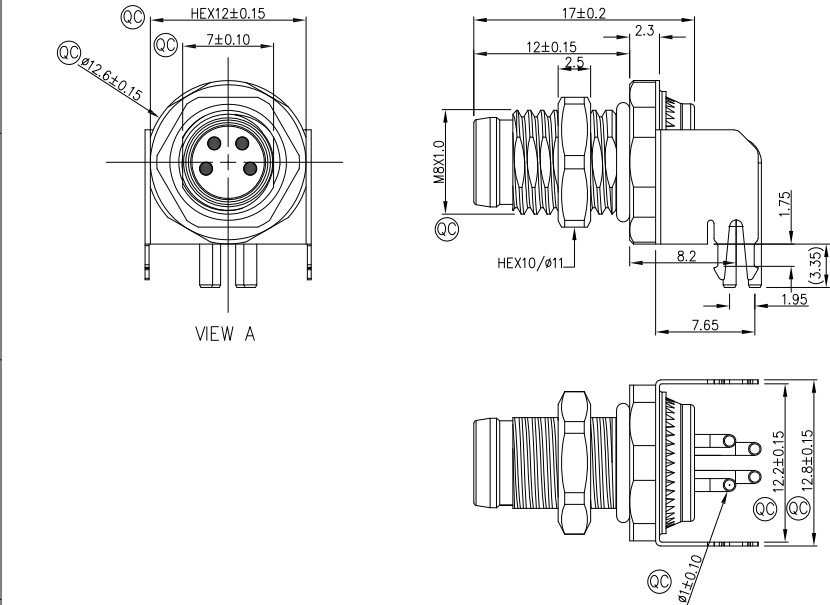


1	2	3	4	5	6	7	8			
circuits	2circuits	3circuits	4circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded					0		New Release	11/DEC	LAM	FRANK



Note:  
 1. Ⓞ Important Dimension  
 2. Degree of protection: 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  
 6. Use torque values 1.0Nm



Connector locking system	M8X1.0 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	Copper alloy
Contact plating	Au
Material of contact body	PA
Sealing	EPDM
Material of housing	Copper nickel plated

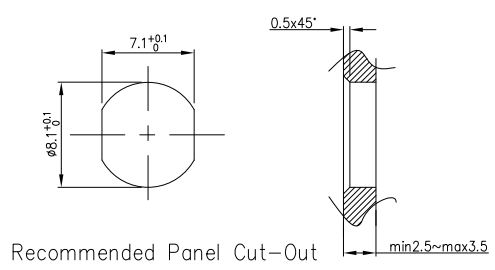
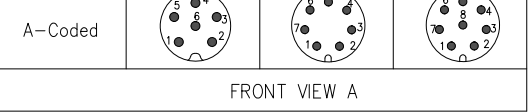
Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt (40°C)	Contact resistance	Insulation resistance
	60V DC	1500V	4A	≤3mΩ	≥100MΩ
	60V DC	1500V	4A	≤3mΩ	≥100MΩ
	60V DC	1500V	4A	≤3mΩ	≥100MΩ

Ordering Information

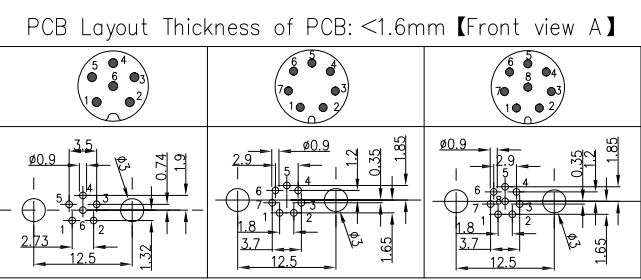
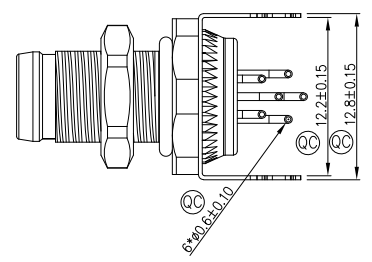
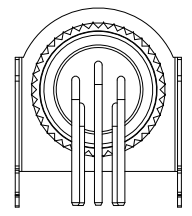
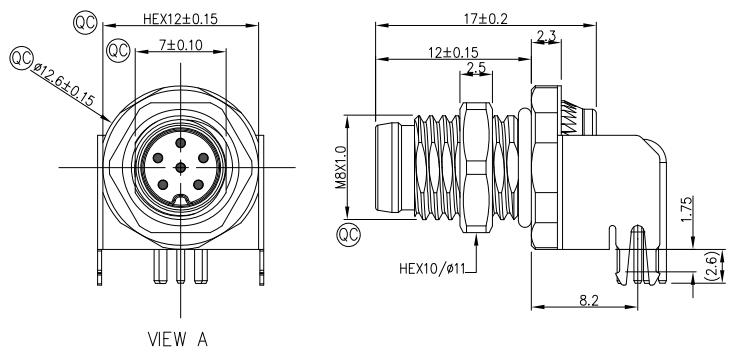
FM8S	T04	02	-	X	XX	P	1	04	D	00
1	2	3	4	5	6	7	8	9		
Series Name	Mounting thread	Distinction No.	Coded	Circuits						
FM8S-M8 Socket	T04-Front fastened M8X1.0	02	A-A CODED B-B CODED D-D CODED	02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits						
Contact	Plating	Thickness Plating	Wire type							
P-Pin	1-Ep Au	04-0.1μm	D-Through Hole							

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 1/3
	X.±0.30	X'±5'	FRANK	13/Dec/23			
	X.X±0.20	.X'±2'	CHECKED BY	DATE			
	X.XX±0.15	.XX'±1'	CHERRY	13/Dec/23			
X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE	TITLE Front fastened M8x1.0 Male Socket 90° THH 【double section】with shield		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		LAM	13/Dec/23	FM8ST0402-XXXP104D00 FM8ST0402			

1	2	3	4	5	6	7	8			
circuits	6circuits	7circuits	8circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded					0		New Release	11/DEC	LAM	FRANK



Note:  
 1. Ⓞ Important Dimension  
 2. Degree of protection: 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  
 6. Use torque values 1.0Nm



Connector locking system	M8X1.0 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	Copper alloy
Contact plating	Au
Material of contact body	PA
Sealing	EPDM
Material of housing	Copper nickel plated

Ordering Information

FM8S T04 02 - X XX P 1 04 D 00

1 2 3 4 5 6 7 8 9 00

1 Series Name FM8S-M8 Socket  
 2 Mounting thread T04-Front fastened M8X1.0  
 3 Distinction No. 02  
 4 Coded A-A CODED, B-B CODED, D-D CODED  
 5 Circuits 02-2Circuits, 03-3Circuits, 04-4Circuits, 05-5Circuits, 06-6Circuits, 07-7Circuits, 08-8Circuits  
 6 Contact P-Pin  
 7 Plating 1-Ep Au  
 8 Thickness Plating 04-0.1µm  
 9 Wire type D-Through Hole

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt (40°C)	Contact resistance	Insulation resistance
	30V DC	800V	1.5A	≤3mΩ	≥100MΩ
	30V DC	800V	1.5A	≤3mΩ	≥100MΩ
	30V DC	800V	1.5A	≤3mΩ	≥100MΩ

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±0.30	.X'±5'	FRANK	13/Dec/23	FM8ST0402-XXXXP104D00	FM8ST0402	
DESIGN UNITS Metric	X.XX±0.20	.X'±2'	CHECKED BY	DATE	TITLE		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.XX±0.15	.XX'±1'	CHERRY	13/Dec/23	Front fastened M8x1.0 Male Socket 90° THH [double section] with shield		
SIZE A4	X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE			REV 0 SHEET NO. 2/3
			LAM	13/Dec/23			

