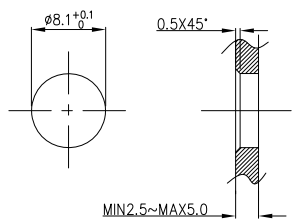
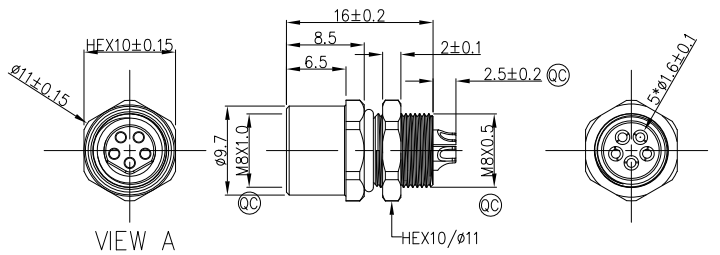
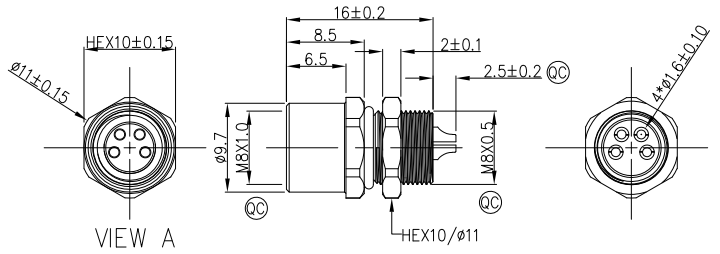


1	2	3	4	5	6	7	8				
Circuits	2Circuits	3Circuits	4Circuits	Circuits	5Circuits	REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded				B-Coded		0		New Release	4/DEC	LAM	FRANK
FRONT VIEW A											



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
 6. Use torque values 1Nm

Recommended Panel Cut-Out



Connector locking system	Screw
Wiring type	Solder
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	EPDM
Material of housing	Brass nickel plated

Ordering Information

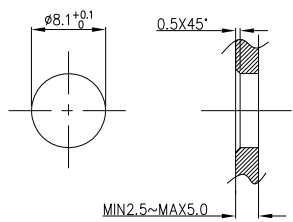
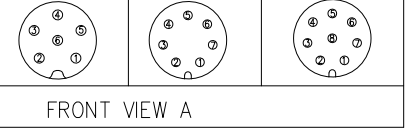
FM8S R03 17 - X XX S 1 04 W 00
 1 2 3 4 5 6 7 8 9

1 Series Name FM8S-M8 Socket	2 Mounting thread R03-rear fastened M8X0.5	3 Distinction No. 17	4 Coded A-A CODED B-B CODED	5 Circuits 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits	6 Contact S-Socket
7 Plating 1-Ep Au	8 Thickness Plating 04-0.1μm	9 Wire type W-welding			

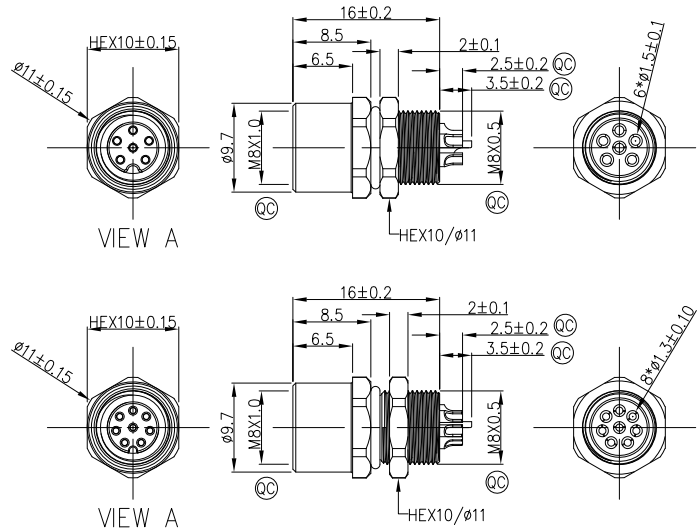
Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Current (40°C)	Contact resistance	Insulation resistance
	60V DC	1500V	4A	≤3mΩ	≥100MΩ
	60V DC	1500V	4A	≤3mΩ	≥100MΩ
	60V DC	1500V	4A	≤3mΩ	≥100MΩ
	60V DC	1500V	4A	≤3mΩ	≥100MΩ

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 4/DEC/23	PART NO. FM8SR0317-XXS104W00	ITEM NO. FM8SR0317	TXGA Building Technology Cornerstone
	DESIGN UNITS Metric	X.±0.30	X.±5°	CHECKED BY CHERRY	DATE 4/DEC/23	TITLE M8X1.0 female socket rear fastened M8X0.5 Solder terminal [Circle]	
SCALE 2:1	SIZE A4	X.XX±0.15	.XX±1°	DRAWN BY LAM	DATE 4/DEC/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±0.10	.XXX±0.5°				

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



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
 6. Use torque values 1Nm



Connector locking system	Screw
Wiring type	Solder
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	EPDM
Material of housing	Brass nickel plated

Ordering Information

FM8S R03 17 - X XX S 1 04 W 00
 1 2 3 4 5 6 7 8 9

- 1 Series Name - FM8S-M8 Socket
- 2 Mounting thread - R03-rear fastened M8X0.5
- 3 Distinction No. - 17
- 4 Coded - A-A CODED B-B CODED
- 5 Circuits - 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits
- 6 Contact - S-Socket
- 7 Plating - 1-Ep Au
- 8 Thickness Plating - 04-0.1μm
- 9 Wire type - W-welding

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Current (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 DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 4/DEC/23	PART NO. FM8SR0317-XXXS104W00	ITEM NO. FM8SR0317	 Building Technology Cornerstone REV 0 SHEET NO. 2/2
	X.±0.30	X.±5'	CHECKED BY CHERRY	DATE 4/DEC/23	TITLE M8X1.0 female socket front fastened M8X0.5 Solder terminal [Circle]		
	X.XX±0.15	.XX±1'	DRAWN BY LAM	DATE 4/DEC/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		