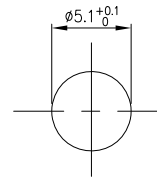


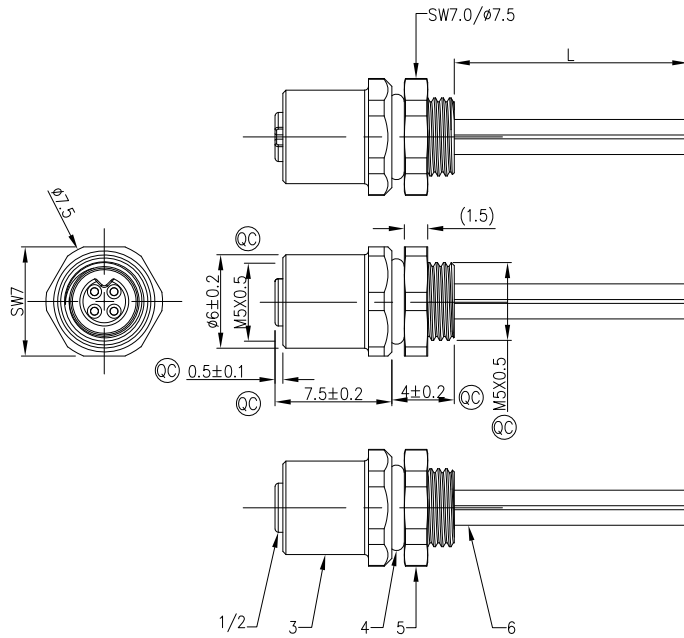
Circuits Coded	2Circuits	3Circuits	4Circuits
A-Coded			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Release	6/June		FRANK



Recommended Panel Cut-Out

- Note:
- Ⓞ Important Dimension
 - Degree of protection: IP68
 - This product must meet IEC61076-2-105
 - This product must meet 2011/65/EU ROHS compliance.
 - Not note tolerances: ± 0.20
 - Use torque values 0.5Nm



WIRING CHART

2Circuits	3Circuits	4Circuits
 1 brown 3 blue	 1 brown 3 blue 4 black	 1 brown 2 white 3 blue 4 black

Dimensions L (mm)				
Range(length)	50 to 200	201 to 1000	1001 to 5000	5000 to 9000
Tolerance(mm)	±10	±15	±25	±30

Ordering Information

FM5W R01 02 - A XX S 1 04 XXXX 00
 1 2 3 4 5 6 7 8 9

1 Series Name FM5W-M5 Socket
 2 Mounting thread R01-M5X0.5
 3 Distinction No. 02
 4 Coded A-A CODED
 5 Circuits 02-2Circuits
 03-3Circuits
 04-4Circuits

6 Contact S-Socket
 7 Plating 1-Ep Au
 8 Thickness Plating 04-0.1μm
 9 Length XXXX-(see table1)

TABLE 1

CABLE LENGTH (XXX)	0050	0100	0150	0200	0990
	50mm	100mm	150mm	200mm	990mm
	1M	1.5M	2M	3M	9.999M

* Note: All Materials Meet The "RoHs" !

6	Lize	26AWG [0.14mm ²]			
5	nut	M5X0.5			
4	O-ring	NBR black			
3	shell	Copper alloy, Ep Ni			
2	O-ring	NBR black			
1	housing	M5X0.5 female housing			
NO.	SPECIFICATION	DESCRIPTION			
Circuits	Rated Voltage	Rated impulse Voltage	Rated Current(40°C)	Contact resistance	Insulation resistance
4Circuits	60V	800V	1A	≤5mΩ	≥100MΩ
3Circuits	60V	800V	1A	≤5mΩ	≥100MΩ
2Circuits	60V	800V	1A	≤5mΩ	≥100MΩ

Connector locking system	M5X0.5 Screw
Wiring type	Crimp
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	I
Material of contact	Copper alloy
Contact plating	Au
Material of contact body	PA
Sealing	NBR
Material of housing	Copper nickel plated

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 13/July/23	PART NO. FM5WR0102--AXXS104XXX00	ITEM NO. FM5WR0102	 Building Technology Cornerstone REV 0 SHEET NO. 1/1
	X.±(0.30)	X.±5'	CHECKED BY CHERRY	DATE 13/July/23	TITLE Rear fastened M5x0.5 Female Socket with lize, free end		
	X.X±(0.20)	.X'±2'	DRAWN BY DANIEL	DATE 13/July/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±(0.15)	.XX'±1'					
	X.XXX±(0.10)	.XXX'±0.5'					