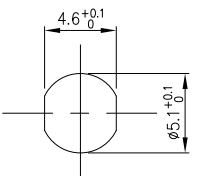


1	2	3	4	5	6	7	8			
Circuits Coded	2Circuits	3Circuits	4Circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
A-Coded					0		New Release	6/June		FRANK



Recommended Panel Cut-Out

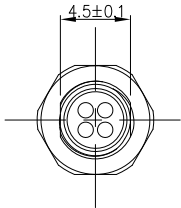
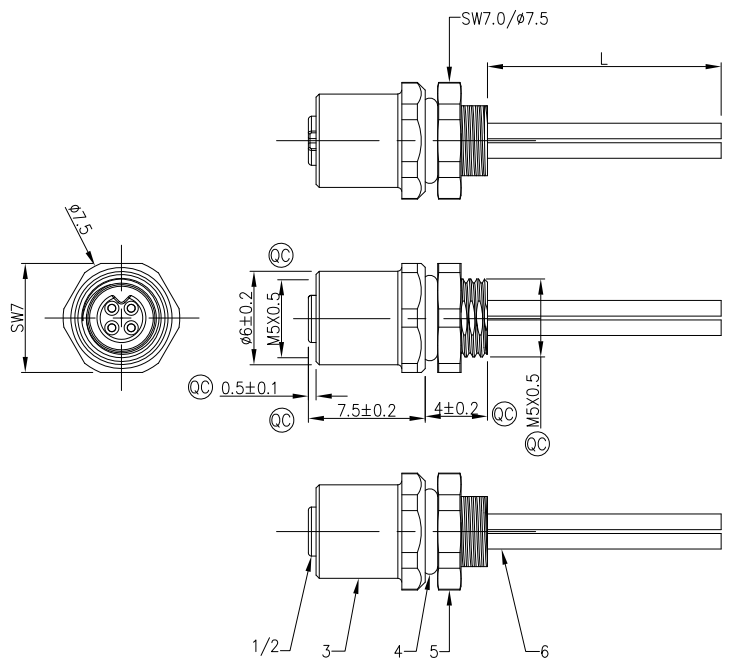
- Note:
- ◎ Important Dimension
 - Degree of protection: IP68
 - This product must meet IEC61076-2-105
 - This product must meet 2011/65/EU ROHS compliance.
 - Not note tolerances: ±0.20
 - Use torque values 0.5Nm

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

1	2	3	4	5	6	7	8	9	00
FM5W	R01	03	-	A	XX	S	1	04	XXXX
Series Name	Mounting thread	Distinction No.	Coded	Circuits					
FM5W-M5 Socket	R01-M5X0.5	03	A-A CODED	02-2Circuits 03-3Circuits 04-4Circuits					
6	7	8	9						
Contact	Plating	Thickness Plating	Length						
S-Socket	1-Ep Au	04-0.1µm	XXXX-(see table1)						

* 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
4Circuits	60V	800V
3Circuits	60V	800V
2Circuits	60V	800V
	Rated Current(40°C)	Contact resistance
	1A	≤5mΩ
		Insulation resistance
		≥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

TABLE 1

CABLE LENGTH (XXX)	0050	0100	0150	0200	0990
	50mm	100mm	150mm	200mm	990mm
	1000	1500	2000	3000	9999
	1M	1.5M	2M	3M	9.999M

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.
	X.±(0.30)	X.±5'	FRANK	13/July/23	FM5WR0103-AXXS104XXXX00	FM5WR0103
	X.X±(0.20)	.X'±2'	CHECKED BY	DATE	TITLE	
	X.XX±(0.15)	.XX'±1'	CHERRY	13/July/23	Rear fastened M5x0.5 Female Socket with lize, free end 【double section】	
X.XXX±(0.10)	.XXX'±0.5'	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		
		DANIEL	13/July/23			



REV 0 SHEET NO. 1/1