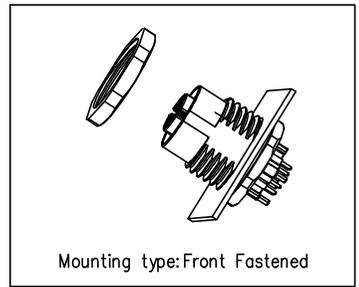
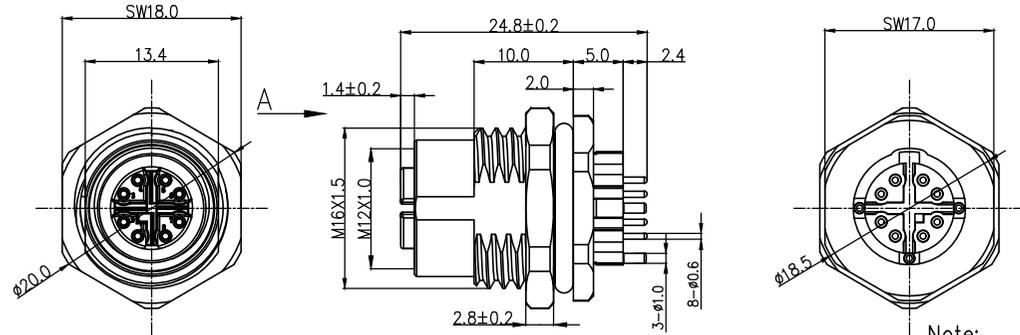
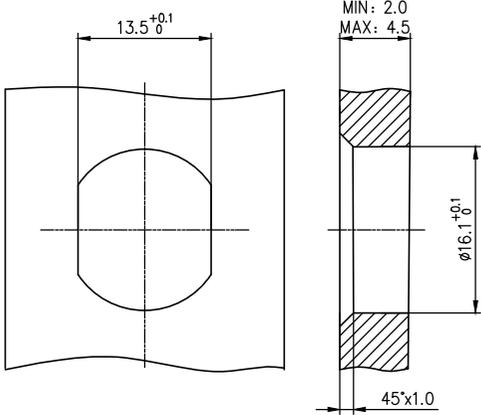


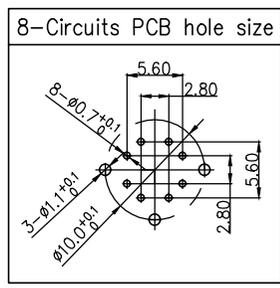
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



- Note:
1. Waterproof Rate: IP67
 2. This product must meet: IEC 61076-2-109
 3. This product must meet 2011/65/EU ROHS compliance.
 4. Not note tolerances: ±0.20



Recommended Panel Cut-Out



Installation category	PCB
Degree of protection	IP67(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overtoltage categorie	II
Material group	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

Ordering Information

FM12S T11 37 - X 08 S 1 XX D 00
 1 2 3 4 5 6 7 8 9

- | | | | |
|----------------------------------|---|--------------------------------------|---|
| 1 Category
FM12S-M12 Socket | 2 Mounting thread
T11-Front mounting M16X1.5 | 3 Distinction num.
37 | 4 Coded
X-X CODED |
| 5 Circuits
08-2Circuits | 6 Contact
S-Socket | 7 Contact plating
1-Gold plated | 8 Contact plating thickness
01-0.025µm
03-0.075µm |
| | | | 9 Wiring type
D-Through Hole |

Circuits	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance	Signal type classification
8Circuits	50V(AC)/60V(DC)	800V	0.5A	≤5mΩ	≥100MΩ	CAT6 _A

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY	DATE	PART NO.	ITEM NO.
	X. ±0.30 X.* ±5°	LEO	27/Apr/24	FM12ST1137-X08S1XXD00	FM12ST1137
DESIGN UNITS METRIC	X.X ±0.20 X.X' ±2°	CHECKED BY	DATE	TITLE	
SCALE 1:1	X.XX ±0.15 X.XX' ±1°	GISELLE	27/Apr/24	M12 female socket, shielded, through-hole welding, 8 circuits, M16X1.5, front lock, X codes, double flat position	
SIZE A4	X.XXX ±0.10 X.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	
		King	27/Apr/24		



Building Technology Cornerstone

REV 0 SHEET NO. 1/1