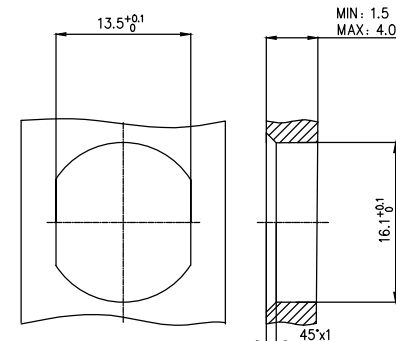
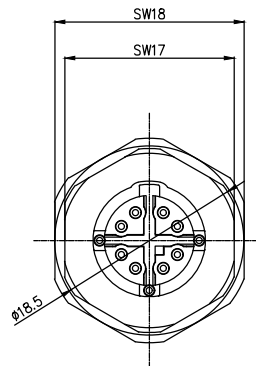
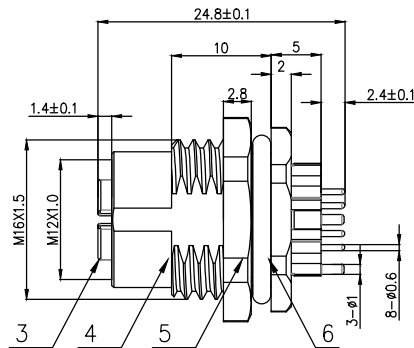
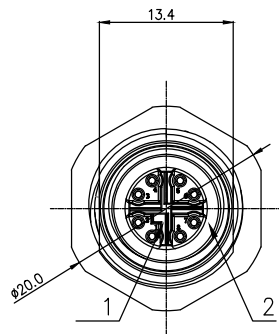


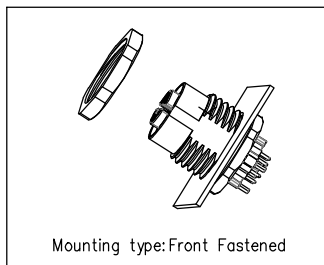
1		2	3	4	5	6		7	8		
Pin No.	8PIN					REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
Coded											
X-Coded											



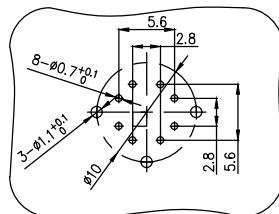
Recommended Panel Cut-Out

Note:

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



Mounting type: Front Fastened



X encoding PCB Distribution of plate opening positions

6	M12- Waterproof sealing ring
5	X-code nut
4	X-code socket housing
3	X-code master rubber core
2	M12- Waterproof sealing ring
1	X-code zinc alloy inner shell

Connection method	Wave soldering
Degree of protection	IP67(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overvoltage categorie	III
Material group	II
Material of contact	CuZn (Messing/brass)
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	copper alloy

Ordering Information

FCF4M12	-	S	X	08	S	S	D	S	-	00
1		2	3	4	5	6	7	8		9
1	Series Name	2	Category	3	Coded	4	Circuits	5	Contact	
	FCF4M12-M16X1.5		S-Socket		X-X CODED		08-8Circuits		S-Socket	
6	Entry Angle	7	Wiring type	8	Shield			9	SN	
	S-180° Vertical R-90° Angle		W-Soldering P-Crimp D-Through Hole		0-without shield S-with shield				00	

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Current(40°C)	Contact resistance	Insulation resistance	Signal type classification
	50V(AC)/60V(DC)	800V	0.5A	$\leq 3m\Omega$	$\geq 100M\Omega$	CAT6 _A
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 11/SEP/24	PART NO. FCF4M12-SX08SSDS-00	ITEM NO. FCF4M12
	X. ± 0.30	X.* $\pm 5^{\circ}$	CHECKED BY GISELLE	DATE 11/SEP/24	TITLE M12 Female panel mount connector, Contacts: 8, With shielding, X code, IP67, M16X1.5, Front fastened	
	DESIGN UNITS METRIC	X.X ± 0.20	X.XX* $\pm 2^{\circ}$	DRAWN BY King	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	SCALE 1:1	SIZE A4	X.XX ± 0.15	X.XXX* $\pm 1^{\circ}$	X.XXX ± 0.10	X.XXX* $\pm 0.5^{\circ}$
				REV 0	SHEET NO. 1/1	

TXGA

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