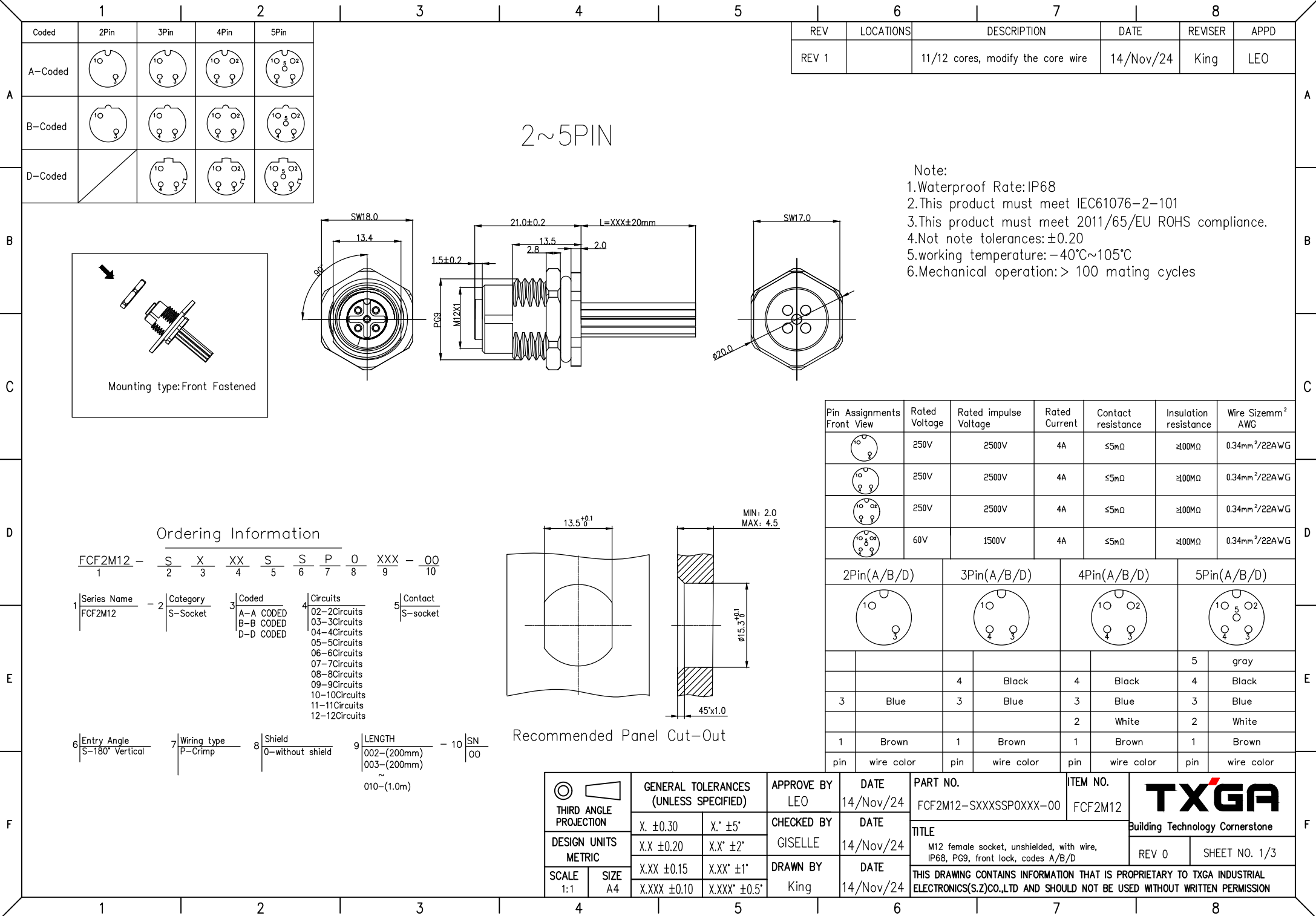
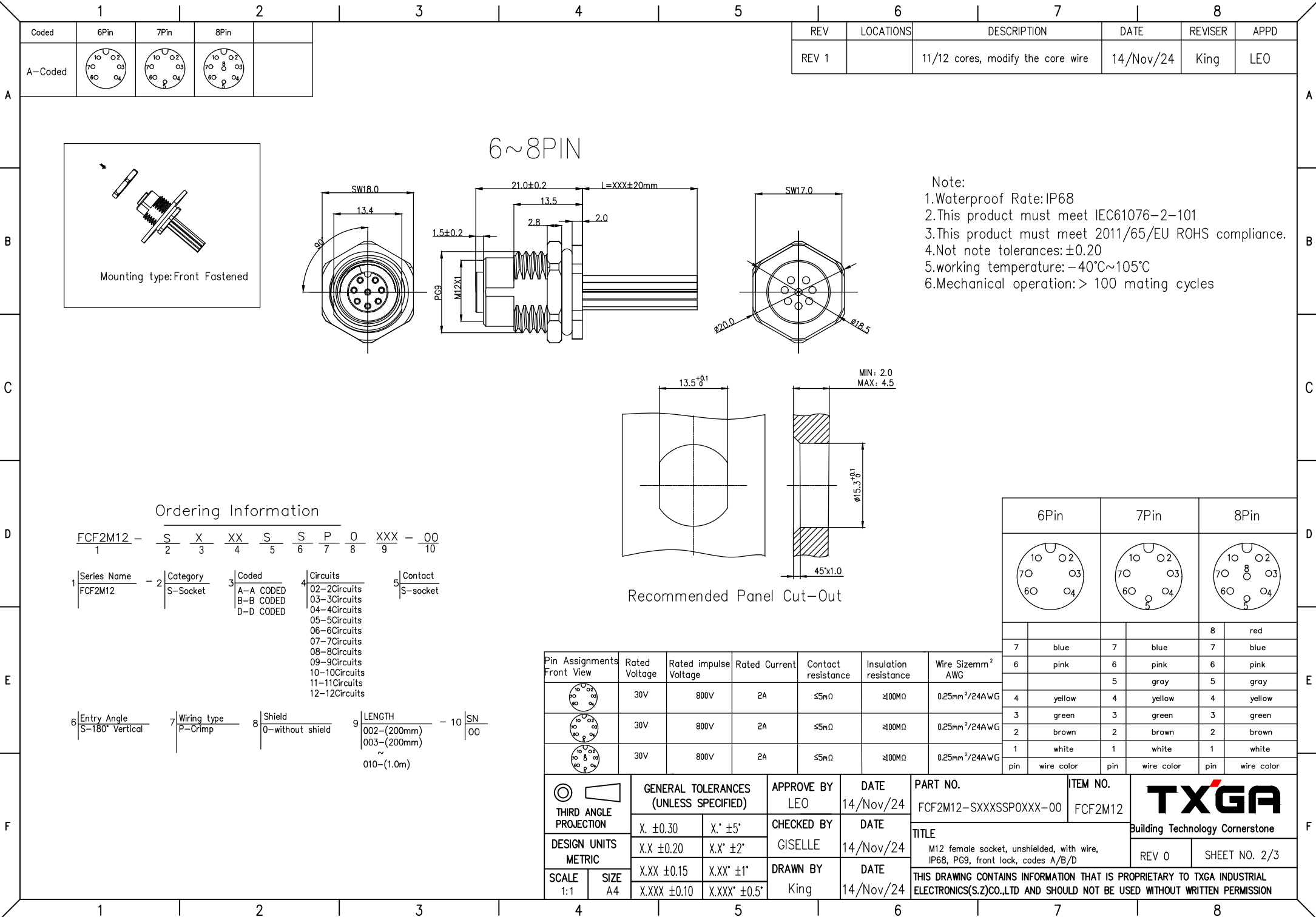






A

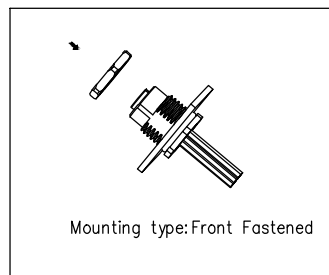
A

Coded	9Pin	10Pin	11Pin	12Pin
A-Coded				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
REV 1		11/12 cores, modify the core wire	14/Nov/24	King	LEO

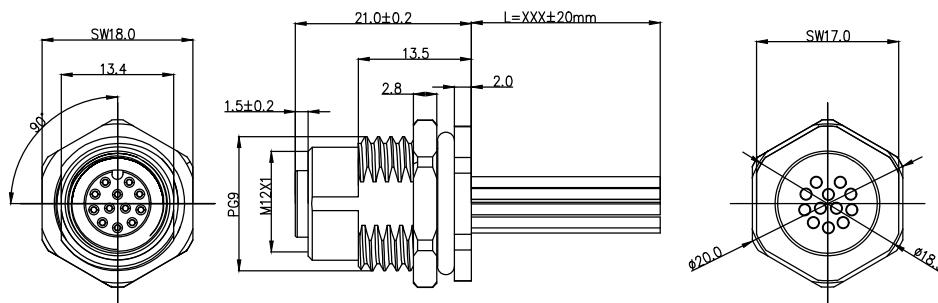
B

B



Mounting type:Front Fastened

9~12PIN



Note:

- 1.Waterproof Rate:IP68
- 2.This product must meet IEC61076-2-101
- 3.This product must meet 2011/65/EU ROHS compliance.
- 4.Not note tolerances:±0.20
- 5.working temperature:-40°C~105°C
- 6.Mechanical operation:> 100 mating cycles

Ordering Information

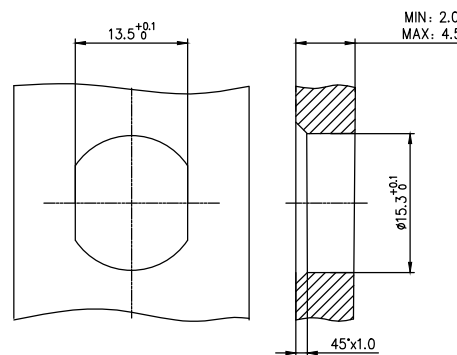
FCF2M12 - $\frac{S}{2}$ $\frac{X}{3}$ $\frac{XX}{4}$ $\frac{S}{5}$ $\frac{P}{6}$ $\frac{0}{8}$ $\frac{XXX}{9}$ - $\frac{00}{10}$

1 Series Name	2 Category	3 Coded	4 Circuits	5 Contact
FCF2M12	S-socket	A-A CODED B-B CODED D-D CODED	02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits 09-9Circuits 10-10Circuits 11-11Circuits 12-12Circuits	S-socket

6 Entry Angle	7 Wiring type	8 Shield	9 LENGTH	10 SN
S-180° Vertical	P-Crimp	0-without shield	002-(200mm) 003-(200mm) ~ 010-(1.0m)	00

D

D



Recommended Panel Cut-Out

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance	Wire Sizemm ² AWG
	30V	800V	1.5A	≤5mΩ	≥100MΩ	0.14mm ² /26AWG
	30V	800V	1.5A	≤5mΩ	≥100MΩ	0.14mm ² /26AWG
	30V	800V	1.5A	≤5mΩ	≥100MΩ	0.14mm ² /26AWG
	30V	800V	1.5A	≤5mΩ	≥100MΩ	0.14mm ² /26AWG

9Pin	10Pin	11Pin	12Pin
			12 cyan
		11 orange	11 orange
	10 purple	10 purple	10 purple
9 red	9 red	9 red	9 red
8 gray	8 gray	8 gray	8 gray
7 black	7 black	7 black	7 black
6 yellow	6 yellow	6 yellow	6 yellow
5 pink	5 pink	5 pink	5 pink
4 green	4 green	4 green	4 green
3 white	3 white	3 white	3 white
2 blue	2 blue	2 blue	2 blue
1 brown	1 brown	1 brown	1 brown
pin wire color	pin wire color	pin wire color	pin wire color

E

E

F

F

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 14/Nov/24	PART NO. FCF2M12-SXXXSSPOXXX-00	ITEM NO. FCF2M12	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 14/Nov/24	TITLE M12 female socket, unshielded, with wire, IP68, PG9, front lock, codes A/B/D			
DESIGN UNITS METRIC		X.X ±0.20	X.X* ±2°	DRAWN BY King	DATE 14/Nov/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 3/3
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX* ±1°						
		X.XXX ±0.10	X.XXX* ±0.5°						