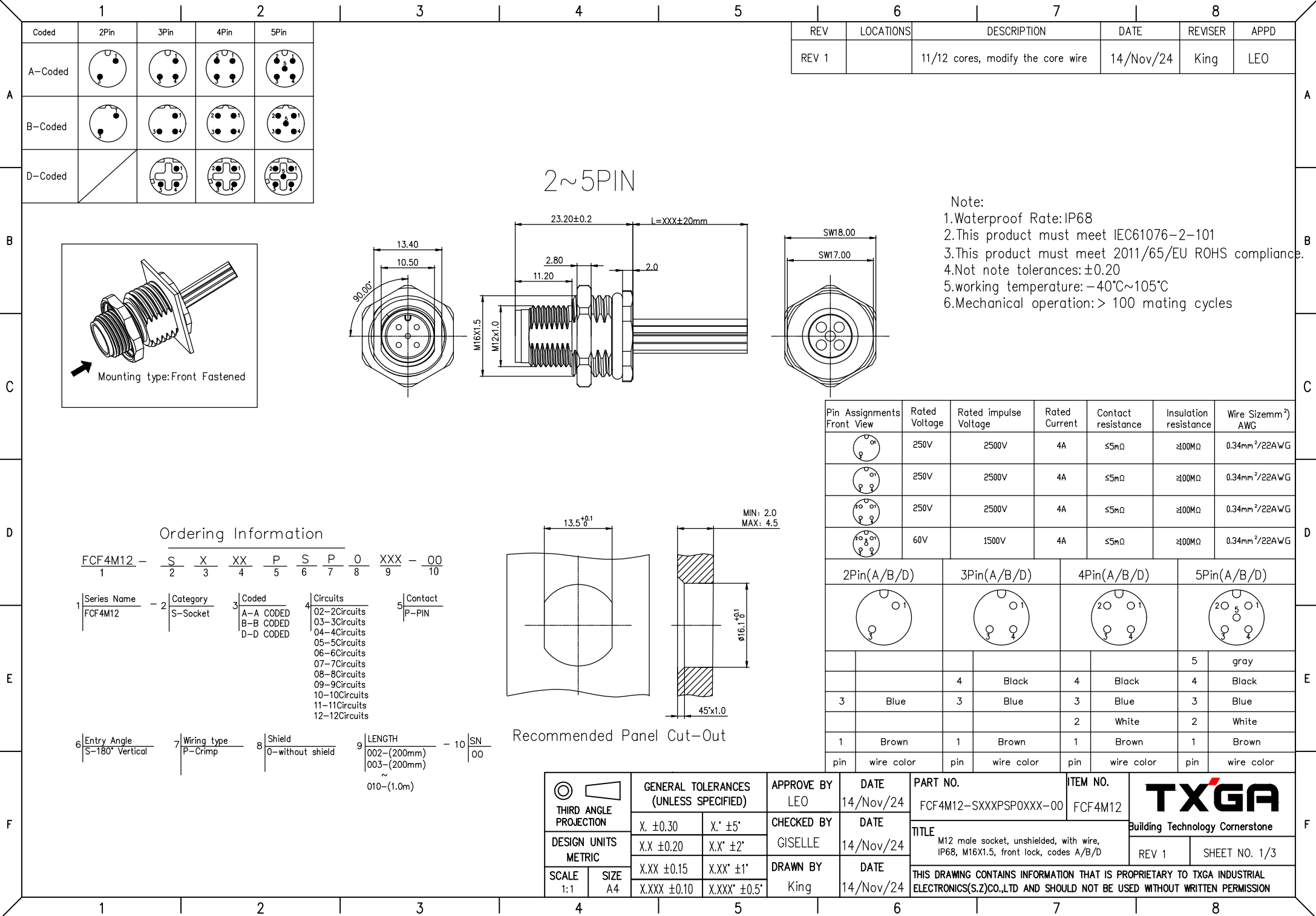


<

1		2		3		4		5		6		7		8		
Coded		6Pin		7Pin		8Pin				REV	LOCATIONS	DESCRIPTION		DATE	REVISER	APPD
A-Coded										REV 1		11/12 cores, modify the core wire		14/Nov/24	King	LEO

Mounting type:Front Fastened

6~8PIN

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

FCF4M12 - S X XX P S P 0 XXX - 00

1 Series Name FCF4M12

2 Category S- Socket

3 Coded A-A CODED B-B CODED D-D CODED

4 Circuits 02-2Circuits 03-3Circuits 04-4Circuits 05-5Circuits 06-6Circuits 07-7Circuits 08-8Circuits 09-9Circuits 10-10Circuits 11-11Circuits 12-12Circuits

5 Contact P-PIN

6 Entry Angle S-180° Vertical

7 Wiring type P-Crimp

8 Shield 0-without shield

9 LENGTH 002-(200mm) 003-(200mm) ~ 010-(1.0m)

10 SN 00

Pin	Assignments	Front View	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance	Wire Sizemm ² /AWG
7	blue		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
6	pink		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
4	yellow		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
3	green		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
2	brown		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
1	white		30V	800V	2A	≤5mΩ	≥100MΩ	0.25mm ² /24AWG
pin	wire color							

Pin	6Pin	7Pin	8Pin
			8 red
7	blue	7 blue	7 blue
6	pink	6 pink	6 pink
		5 gray	5 gray
4	yellow	4 yellow	4 yellow
3	green	3 green	3 green
2	brown	2 brown	2 brown
1	white	1 white	1 white
pin	wire color	pin wire color	pin wire color

THIRD ANGLE PROJECTION

DESIGN UNITS METRIC

SCALE 1:1

SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X. ±0.30

X.X ±0.20

X.XX ±0.15

X.XXX ±0.10

X.* ±5°

X.X* ±2°

X.XX* ±1°

X.XXX* ±0.5°

APPROVE BY LEO

CHECKED BY GISELLE

DRAWN BY King

DATE 14/Nov/24

DATE 14/Nov/24

DATE 14/Nov/24

PART NO. FCF4M12-SXXXPSP0XXX-00

TITLE M12 male socket, unshielded, with wire, IP68, M16X1.5, front lock, codes A/B/D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NO. FCF4M12

Building Technology Cornerstone

REV 1

SHEET NO. 2/3

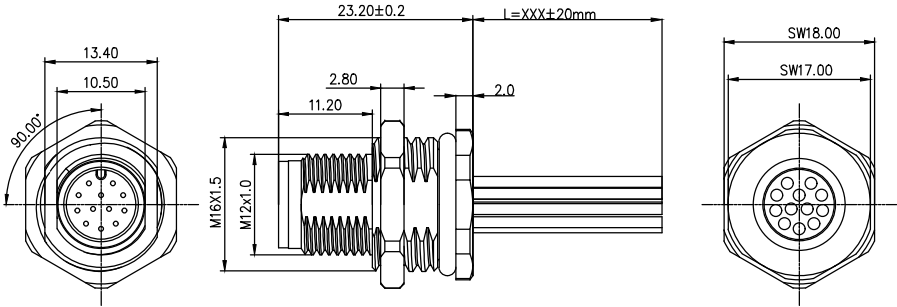
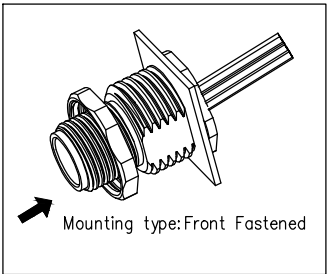
TXGA

1		2		3		4		5		6		7		8	
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1	2	3	4	5	6	7	8
Coded	9Pin	10Pin	11Pin	12Pin	REV	LOCATIONS	DESCRIPTION
A-Coded					REV 1		11/12 cores, modify the core wire

DATE	REVISER	APPD
14/Nov/24	King	LEO

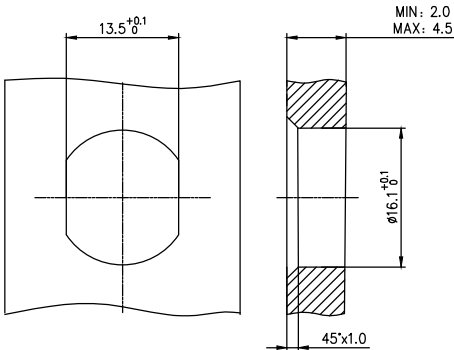
9~12PIN



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℃~105℃
- 6.Mechanical operation:> 100 mating cycles

Pin Assignments	Rated Voltage	Rated impulse Voltage	Rated Current	Contact resistance	Insulation resistance	Wire Sizemm ²
Front View						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



Recommended Panel Cut-Out

Ordering Information

FCF4M12 - S X XX P S P 0 XXX - 00

Series Name	Category	Coded	Circuits	Contact
FCF4M12	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	P-PIN

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

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA	
		LEO	14/Nov/24	FCF4M12-SXXXSP0XXX-00	FCF4M12	Building Technology Cornerstone	
DESIGN UNITS METRIC	X. ±0.30 X.* ±5°	CHECKED BY	DATE	TITLE			
SCALE 1:1 SIZE A4	X.X ±0.20 X.XX ±2°	GISELLE	14/Nov/24	M12 male socket, unshielded, with wire, IP68, M16X1.5, front lock, codes A/B/D			
	X.XX ±0.15 X.XX* ±1°	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			
	X.XXX ±0.10 X.XXX* ±0.5°	King	14/Nov/24	REV 1 SHEET NO. 3/3			