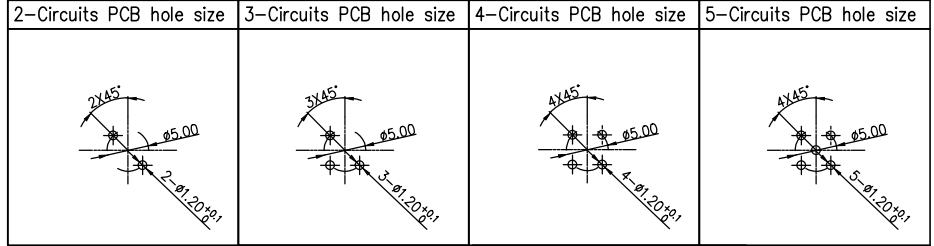
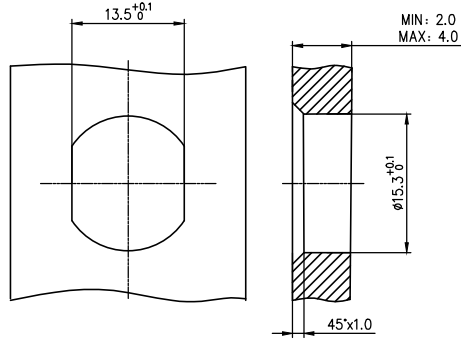


Note:
 1. Waterproof Rate: IP68
 2. This product must meet IEC61076-2-101
 3. This product must meet 2011/65/EU ROHS compliance.
 4. Not note tolerances: ±0.20



Installation category	PCB
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	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

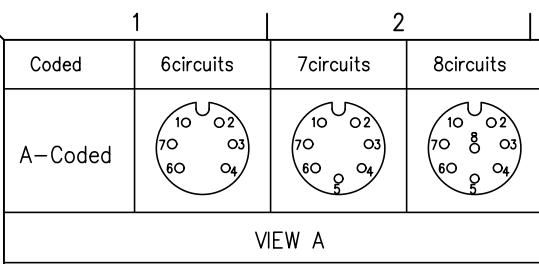
Ordering Information

FM12S R15 02 - X XX S 1 XX D 00
 1 2 3 4 5 6 7 8 9

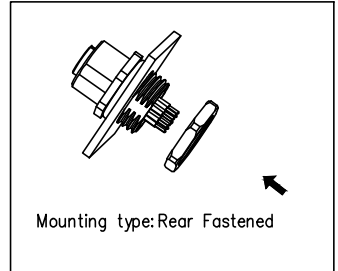
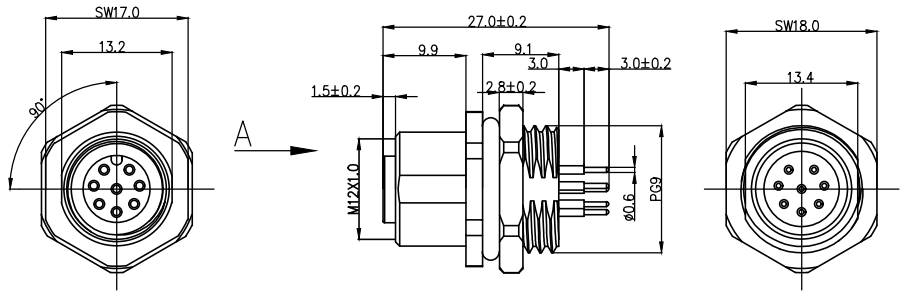
1 Category FM12S-M12 Socket	2 Mounting thread R15-Rear mounting PG9	3 Distinction num. 02	4 Coded A-A CODED B-B CODED D-D CODED
5 Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits	6 Contact S-Socket	7 Contact plating 1-Gold plated	8 Contact plating thickness 01-0.025µm 03-0.075µm
			9 Wiring type D-Through Hole

Circuits	Rated voltage	Rated impulse voltage	Rated current	Contact resistance	Insulation resistance
2Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
3Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
4Circuits	250V	2500V	4A	≤5mΩ	≥100MΩ
5Circuits	60V	1500V	4A	≤5mΩ	≥100MΩ

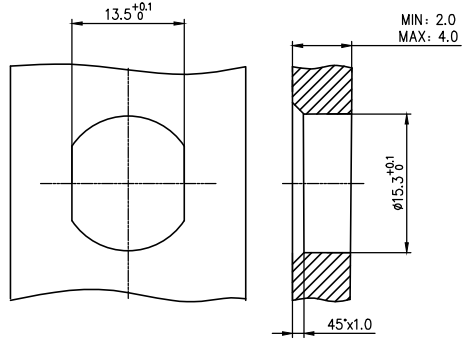
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 27/Apr/24	PART NO. FM12SR1502-XXSX1XXD00	ITEM NO. FM12SR1502	 Building Technology Cornerstone
	DESIGN UNITS METRIC	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 27/Apr/24	TITLE M12 female socket, unshielded, through-hole welding, 2~17 circuits, PG9, rear lock, codes A/B/D, double flat position	
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY King	DATE 27/Apr/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. 1/4



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



- 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



6-Circuits PCB hole size	7-Circuits PCB hole size	8-Circuits PCB hole size

Installation category	PCB
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	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

Recommended Panel Cut-Out

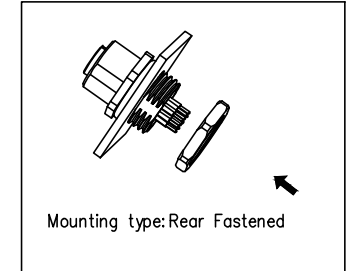
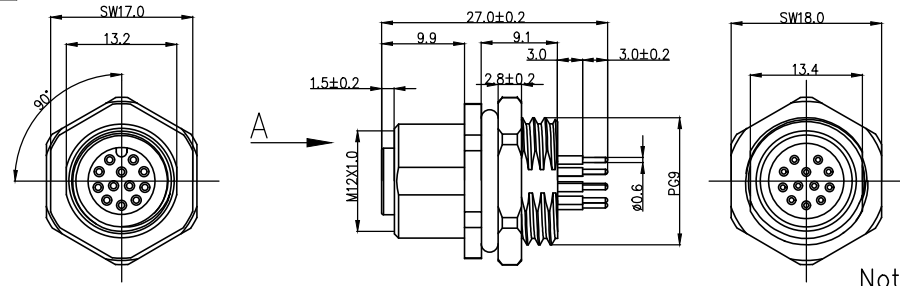
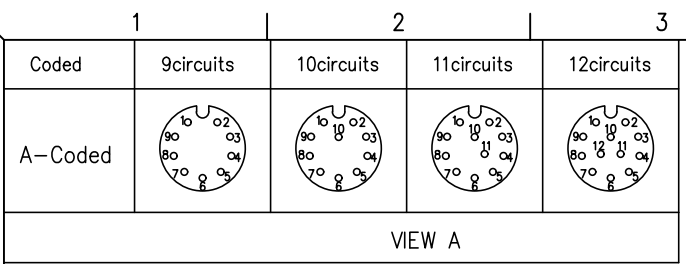
Ordering Information

FM12S R15 02 - X XX S 1 XX D 00
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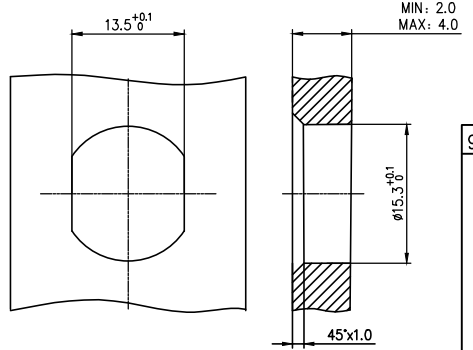
Category FM12S-M12 Socket	Mounting thread R15-Rear mounting PG9	Distinction num. 02	Coded A-A CODED B-B CODED D-D CODED
Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits	Contact S-Socket	Contact plating 1-Gold plated	Contact plating thickness 01-0.025µm 03-0.075µm
			Wiring type D-Through Hole

Circuits	Rated voltage	Rated impulse voltage	Rated current	Contact resistance	Insulation resistance
6Circuits	30V	800V	2A	≤5mΩ	≥100MΩ
7Circuits	30V	800V	2A	≤5mΩ	≥100MΩ
8Circuits	30V	800V	2A	≤5mΩ	≥100MΩ

 THIRD ANGLE PROJECTION DESIGN UNITS METRIC SCALE 1:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X.X ±0.30 X.* ±5° X.XX ±0.20 X.X* ±2° X.XXX ±0.10 X.XXX* ±0.5°		APPROVE BY LEO CHECKED BY GISELLE DRAWN BY King	DATE 27/Apr/24 DATE 27/Apr/24 DATE 27/Apr/24	PART NO. FM12SR1502-XXSX1XXD00 ITEM NO. FM12SR1502	 Building Technology Cornerstone REV 0 SHEET NO. 2/4
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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



9-Circuits PCB hole size	10-Circuits PCB hole size	11-Circuits PCB hole size	12-Circuits PCB hole size

Installation category	PCB
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	II
Material of contact	CuZn
Contact plating	Au
Material of contact body	PA66
Sealing	EPDM
Material of housing	alloy

Ordering Information

FM12S R15 02 - X XX S 1 XX D 00
 1 2 3 4 5 6 7 8 9

Category FM12S-M12 Socket	Mounting thread R15-Rear mounting PG9	Distinction num. 02	Coded A-A CODED B-B CODED D-D CODED
Circuits 02-2Circuits 03-3Circuits ... 17-17Circuits	Contact S-Socket	Contact plating 1-Gold plated	Contact plating thickness 01-0.025µm 03-0.075µm
			Wiring type D-Through Hole

Circuits	Rated voltage	Rated impulse voltage	Rated current	Contact resistance	Insulation resistance
9Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
10Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
11Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ
12Circuits	30V	800V	1.5A	≤5mΩ	≥100MΩ

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 27/Apr/24	PART NO. FM12SR1502-XXSX1XXD00	ITEM NO. FM12SR1502	 Building Technology Cornerstone
	DESIGN UNITS METRIC	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 27/Apr/24	TITLE M12 female socket, unshielded, through-hole welding, 2~17 circuits, PG9, rear lock, codes A/B/D	
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY King	DATE 27/Apr/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

