

	1	2	3	4	5	6	7	8																																											
	Coded	6circuits	7circuits	8circuits		REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD																																								
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B																																																			
C																																																			
	TABLE 1																																																		
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	1. Withstanding Voltage:DC 300V																																																		
	2. Conduction Impedance: 3Ω (Max)																																																		
	3. Insulation Resistance: 10MΩ(Min)																																																		
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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.Operation temperature: -40°C~105°C
- 6.Mechanical operation:> 100 mating cycles
- 7.Non drag chain line

Packaging:

Connector product information					Cable product Information	
Circuits	Rated voltage	Rated impulse voltage	Rated current	Insulation resistance	O.D	Wire Size(mm²) AWG
6Circuits	30V	800V	2A	≥100MΩ	5.0	0.25mm²/24AWG
7Circuits	30V	800V	2A	≥100MΩ	5.5	0.25mm²/24AWG
8Circuits	30V	800V	2A	≥100MΩ	6.0	0.25mm²/24AWG

4	UL 20549 (6C/7C/8C)24AWG, AB, JACKET: BK, PUR
3	Overmold:PVC black 30P
2	Innermold:PVC black 30P
1	M12 A-codes (6/7/8)circuits male shielded plug

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 27/Apr/24	PART NO. FM12C030801-XXXXXXX00	ITEM NO. FM12C030801	
DESIGN UNITS METRIC	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 27/Apr/24	TITLE M12 cable connector, male straight end, shielded, PUR, codes A/B/D, 2~12 circuits		
	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		
	X.XXX ±0.10	X.XXX' ±0.5'					

Building Technology Cornerstone	
REV 0	SHEET NO. 2/3

