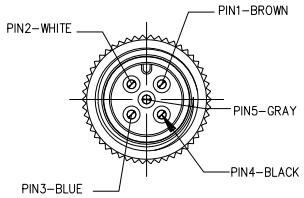
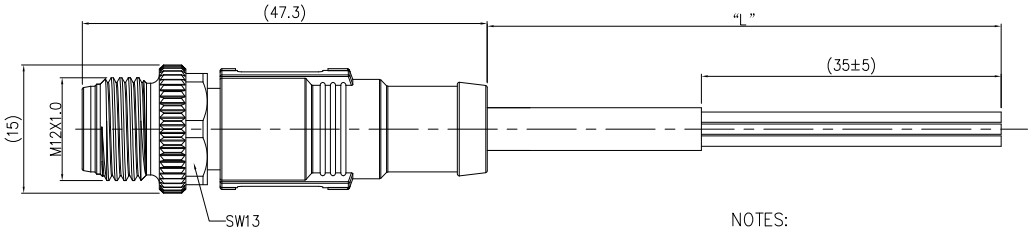
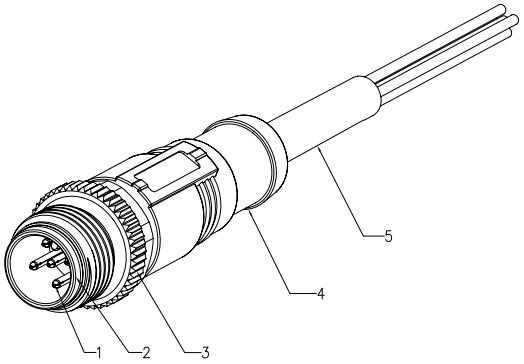
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
0		New Relase	24/APR		FRANK







NOTES:
1. TECHNICAL DATA: SEE TABLE 1
2. METERIAL:
   No.1: CONTACT-BRASS/GOLD PLATED
   No.2: HOUSING-PA/BLACK
   No.3: COUPLING NUT-COPPER ALLOY
   No.4: OVER-MOLDING-TPU(BLUE)
   No.5: Cable-PUR(BLACK)
3. STRIP AND RETAIN THE INSULATION
4. RECOMMEND TORQUE 0.6Nm
5. Cable CHARACTERISTIC: WIRES: 0.34mm² (22AWG)
6. Cable Length Tolerance: 0m TO 1m: ±0.05m
   1m TO 3m: ±0.1m
   >3m: ±1.5%
7. ALL PRODUCT MUST COMPLIANCE WITH ROHS AND REACH.

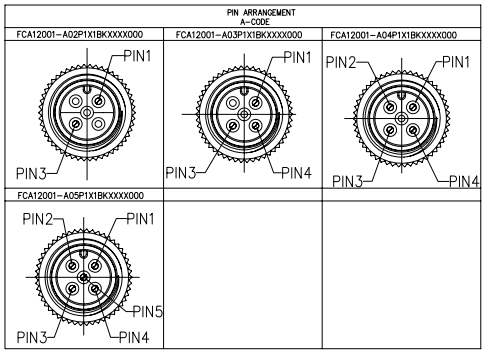


TABLE 1

Techniacal Data	FCA12001-A02P1X1BKXXXX000	FCA12001-A03P1X1BKXXXX000	FCA12001-A04P1X1BKXXXX000	FCA12001-A05P1X1BKXXXX000
Rated Voltage	250V			60V
Rated Impulse Voltage	2500V			1500V
Rated Current	4A			
Polletion Degree	3			
Overvoltage Category	II			
Material Group	II			
Degree Of Protection	IP67			

Ordering Information

FCA	12	001	-	A	XX	X	X	X	X	XX	X	XXX	XXX
1	2	3		4	5	6	7	8	9	10	11	12	13

1 Category: FCA-Cable With Molding Header

2 Series Number: 12-M12

3 Distinction No.: 001

4 Coded: A-A CODED

5 Circuits: 02-2Circuits; 03-3Circuits; 04-4Circuits; 05-5Circuits

6 Type: P-Plug

7 Characteristics: 1-With Spring; 2-Without Spring

8 Contact Plating: 1-Gold Plated; 2-Silver Plated

9 Housing Angle: 1-0°; 2-45°; 3-90°; 4-135°; 5-180°

10 Housing Color: BK-Black

11 Cable Jacket: 1-PVC; 2-PUR

12 Cable Length: XXX(See Table2)

13 Version Number: 000,001...

TABLE 2

CABLE LENGTH(XXX)	005	010	015	020	025	030	035	040	045	050	.....	999
L(M)	0.5M	1M	1.5M	2M	2.5M	3M	3.5M	4M	4.5M	5M	.....	99.9M

THIRD ANGLE PROJECTION

DESIGN UNITS: Inch (metric)

SCALE: 2:1 | SIZE: A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X.±.012(0.30)	X.°±5°
X.X±.008(0.20)	.X°±2°
X.XX±.006(0.15)	.XX°±1°
X.XXX±.004(0.10)	.XXX°±0.5°

APPROVE BY: FRANK — DATE: 21/APR/20

CHECKED BY: CHERRY — DATE: 21/APR/20

DRAWN BY: DANIEL — DATE: 21/APR/20

PART NO.: FCA12001-AXXP1X1BKXXXX000

ITEM NO.: FCA12001

TITLE: M12X1.0 STRAIGHT PLUG,FREE END A-CODE,UNSHIELDED

TXGA Leader Of Industry

REV 0 | SHEET NO. 1/1

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