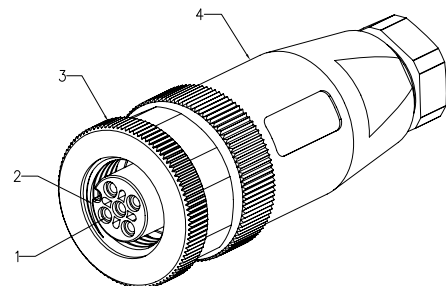
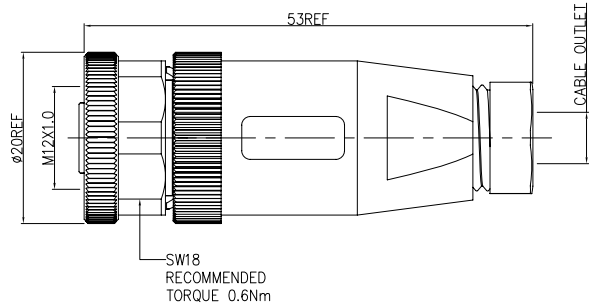
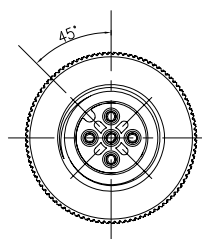


| REV | LOCATIONS | DESCRIPTION | DATE   | REVISER | APPD  |
|-----|-----------|-------------|--------|---------|-------|
| 0   |           | New Release | 24/APR |         | FRANK |



NOTES:  
1.MATERIAL:  
No.1: CONTACT-BRONZE  
No.2: HOUSING-PA/BLACK  
No.3: NUT-BRASS  
No.4: HOUSING BODY-PBT+GF  
2.CONTACT FINISH:  
GOLD OVER NICKEL OR SILVER OVER NICKEL  
3.CABLE WIRES:  
18AWG/0.75mm<sup>2</sup> Max.FOR 2-5PINS  
20AWG/0.50mm<sup>2</sup> Max.FOR 8PINS  
4.ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STAAED  
5.CABLE OUTLET: PG7(CABLE FEED)4-6MM,PG9(CABLE FEED)6-8MM  
6.PACKING:1PC IN A BAG  
7.ALL PRODUCT MUST COMPLIANCE WITH ROHS AND REACH.

| TECHNIACAL DATA            | FCQ12002-A02P22XXBK000 | FCQ12002-A03P22XXBK000 | FCQ12002-A04P22XXBK000 | FCQ12002-A05P22XXBK000 | FCQ12002-A06P22XXBK000 |
|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FEMALE INSERT(MATING SIDE) |                        |                        |                        |                        |                        |
| RATED VOLTAGE              | 250V                   | 250V                   | 250V                   | 60V                    | 30V                    |
| RATED CURRENT              | 4A                     | 4A                     | 4A                     | 4A                     | 2A                     |
| POLLETION DEGREE           | 3                      | 3                      | 3                      | 3                      | 3                      |
| OVERVOLTAGE CATEGORY       | II                     | II                     | II                     | II                     | II                     |
| MATERIAL GROUP             | II                     | II                     | II                     | II                     | II                     |
| CONTACT RESISTANCE         | ≤8mΩ                   | ≤8mΩ                   | ≤8mΩ                   | ≤8mΩ                   | ≤8mΩ                   |
| INSULATION RESISTANCE      | >100MΩ                 | >100MΩ                 | >100MΩ                 | >100MΩ                 | >100MΩ                 |
| DEGREE OF PROTECTION       | IP67                   | IP67                   | IP67                   | IP67                   | IP67                   |
| OPERATION TEMPERATURE      | -40~85℃                | -40~85℃                | -40~85℃                | -40~85℃                | -40~85℃                |

Ordering Information

FCQ 12 002 - A XX X X X X XX X XXX  
1 2 3 4 5 6 7 8 9 10 11 12 13

|                                                                               |                                                       |                                     |                              |                                                                                            |                                 |                                                                   |
|-------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------|
| 1 Category<br>FCQ-Quick Contact Header                                        | 2 Series Number<br>12-M12                             | 3 Distinction No.<br>002            | 4 Coded<br>A-A CODED         | 5 Circuits<br>02-2Circuits<br>03-3Circuits<br>04-4Circuits<br>05-5Circuits<br>08-8Circuits | 6 Type<br>P-Plug                | 7 Coupling Nut Type<br>1-Plastic<br>2-Copper<br>3-Stainless Steel |
| 8 Contact Type<br>1-Solder Type<br>2-Screw Type<br>3-Crimp Type<br>4-IDC Type | 9 Contact Plating<br>1-Gold Plated<br>2-Silver Plated | 10 Pressing Screw<br>1-PG7<br>2-PG9 | 11 Housing Color<br>BK-Black | 12 Packaging<br>B-Bag<br>M-Reel<br>L-Tube                                                  | 13 Version Number<br>000,001... |                                                                   |

THIRD ANGLE  
PROJECTION

DESIGN UNITS  
Inch (metric)

SCALE  
2:1

SIZE  
A4

|                                          |            |                      |                   |                                                                                                                                                       |                      |
|------------------------------------------|------------|----------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK  | DATE<br>21/APR/20 | PART NO.<br>FCQ12002-AXXP22XXBK000                                                                                                                    | ITEM NO.<br>FCQ12002 |
| X.±.012(0.30)                            | X.±5'      | CHECKED BY<br>CHERRY | DATE<br>21/APR/20 | TITLE<br>M12 FEMALE A CODE,STRAIGHT UNSHIELDED<br>CONNECTOR SCREW TERMINAL                                                                            |                      |
| X.X±.008(0.20)                           | .X'±2'     | DRAWN BY<br>DANIEL   | DATE<br>21/APR/20 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL<br>ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |
| X.XX±.006(0.15)                          | .XX'±1'    |                      |                   |                                                                                                                                                       |                      |
| X.XXX±.004(0.10)                         | .XXX'±0.5' |                      |                   |                                                                                                                                                       |                      |

TXGA  
Leader Of Industry

REV 0

SHEET NO. 1/2

