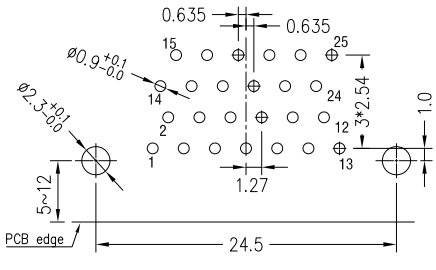
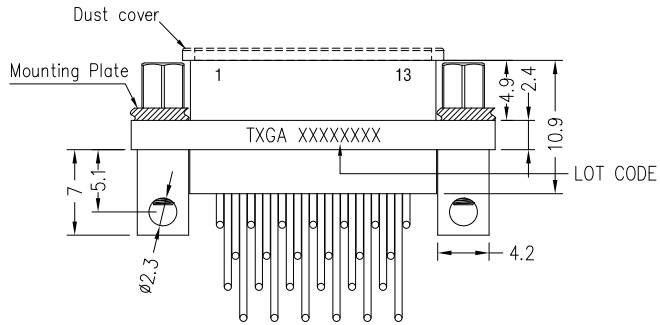
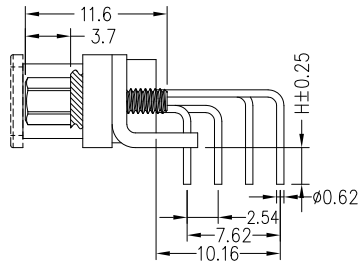
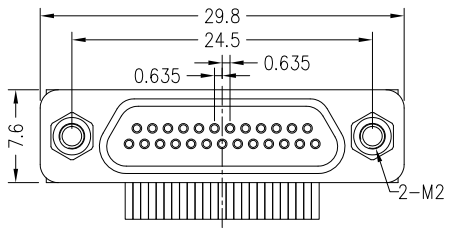
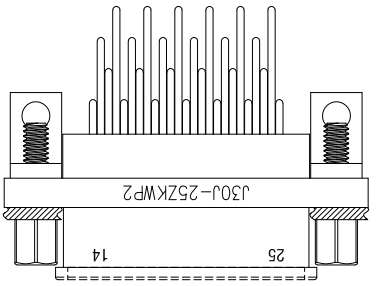


| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |



Recommended P.C.Board Layout
General tolerances: ±0.05

SPECIFICATIONS

Electrical

- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 500V AC(rms)/DC
- Contact Resistance: 10 mΩ Max
- Insulation Resistance: 5000 MΩ MIN
- Withstanding Voltage: 800V AC r.m.s
- Temperature Range-Operating: -55°C~+125°C

Mechanical

- Durability: 500 Cycles
- Vibration: Frequency 10~2000Hz, Acceleration 196m/s²
- Shock: Peak Acceleration 735m/s² 11ms.

Material and Plating

- Housing: High-temperature plastic Natural(UL94V-0)
- Contact Pin: Copper Alloy/Gold Plated
- Shell: Aluminium alloy/Nickel Plated
- Seal Pad: Silicone Rubber RED
- Nut: Stainless steel

Ordering Information

| | | | | | | | | | | |
|------|----|---|---|-----|---|---|----|---|---|---|
| FMD0 | 02 | - | F | XXX | B | D | XX | - | 0 | X |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

| | | | | | | | | | |
|---|------------------------|---|-----------------|---|------------|---|----------|---|-------------|
| 1 | Category | 2 | Distinction No. | 3 | Gender | 4 | Circuits | 5 | Entry Angle |
| | FMD0-Micro-D Connector | | 02 | | F-Female | | 25 | | B-90° Angle |
| 6 | Assembly Layout | 7 | Color-Resin | 8 | Type | 9 | H | | |
| | D-DIP | | NA-Natural | | 0-Standard | | 0-H=3 | | |

| | | | | | | | | |
|-------------------------------|---------------------------------------|-------------|--------------|-----------|---|--|--|---------------|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY | DATE | PART NO. | ITEM NO. | <p>Building Technology Cornerstone</p> | |
| | X. ±0.30 | X.' ±5' | LEO | 17/OCT/24 | FMD002-F025BDXX-XX | FMD002 | | |
| | DESIGN UNITS METRIC(mm) | | CHECKED BY | DATE | TITLE | | REV 0 | SHEET NO. 1/1 |
| | X.X ±0.20 | X.X' ±2' | GISELLE | 17/OCT/24 | Micro-D Connector Pitch 1.27mm Female(DIP) | | | |
| SCALE | SIZE | 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 | | |
| NTS | A4 | X.XXX ±0.10 | X.XXX' ±0.5' | HUANG | 17/OCT/24 | | | |