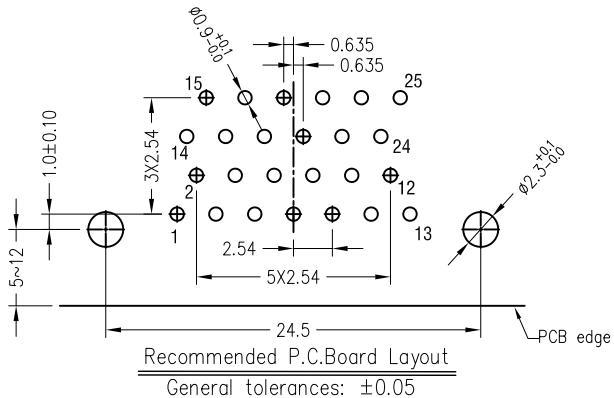
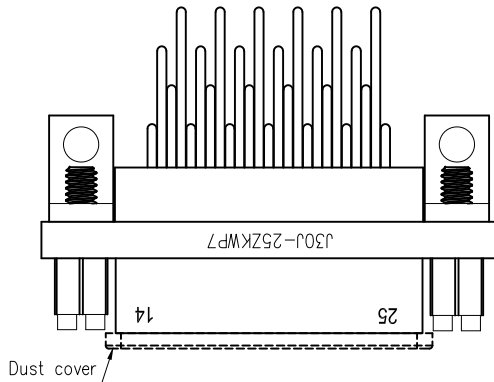


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

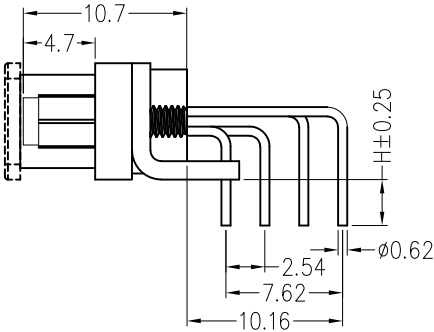
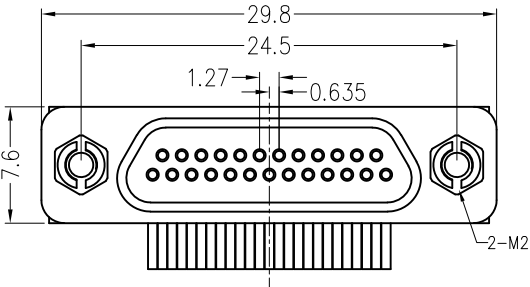


SPECIFICATIONS

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.

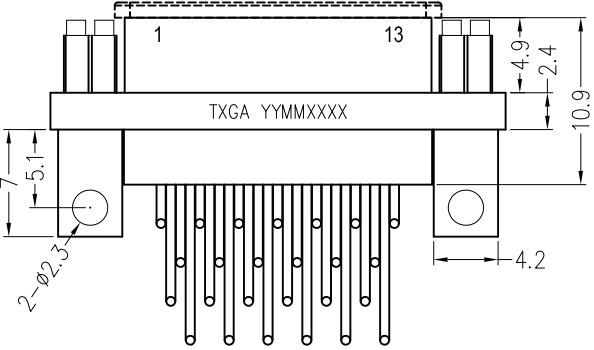
Material and Plating
 Housing: High-temperature plastic (UL94V-0)
 Contact Pin: Copper Alloy/Gold Plated
 Shell: Aluminium alloy/Nickel Plated
 Seal Pad: Silicone Rubber RED



Ordering Information

FMD0 05 — F 025 B D XX — 0 X
 1 2 3 4 5 6 7 8 9

1 Category FMD0-Micro-D Connector	2 Distinction No. 05	3 Gender F-Female	4 Circuits 25	5 Entry Angle B-90° Angle
6 Assembly Layout D-DIP	7 Color-Resin NA-Natural	8 Type 0-Standard	9 H 0-H=3	



 THIRD ANGLE PROJECTION DESIGN UNITS METRIC(mm) SCALE NTS SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 22/MAY/25	PART NO. FMD005-F025BDXX-XX	ITEM NO. FMD005	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 22/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Female(DIP)		
	X.X ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 22/MAY/25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XX ±0.15	X.XX' ±1'					
X.XXX ±0.10	X.XXX' ±0.5'						