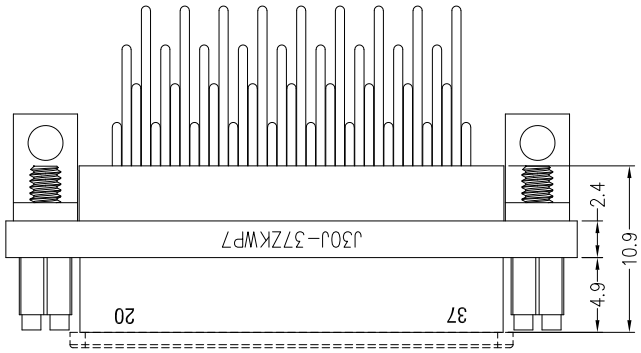
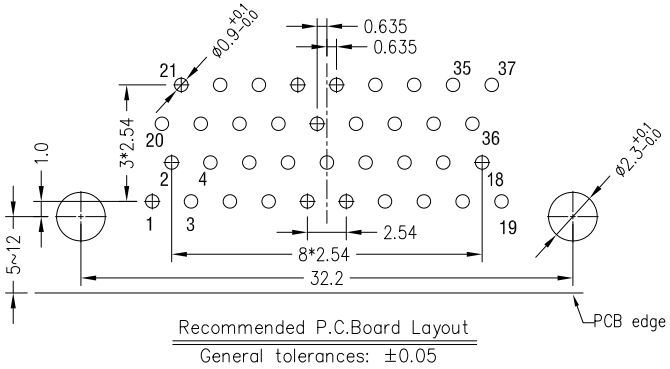
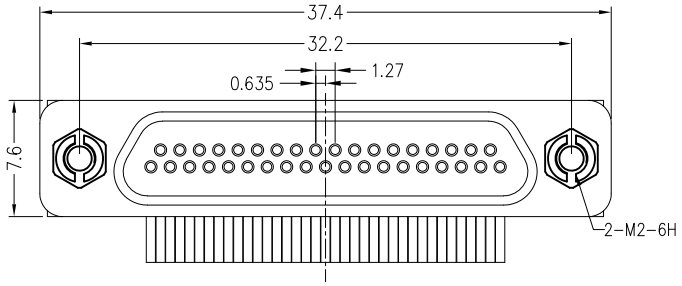
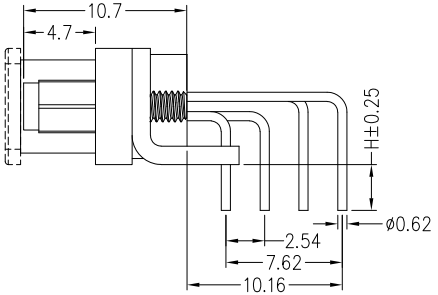
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

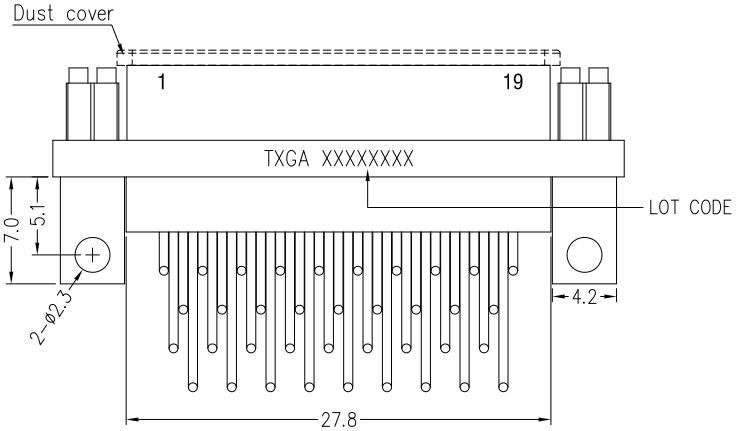




Recommended P.C.Board Layout
General tolerances: ±0.05







SPECIFICATIONS

Electrical

Current Rating: 3.0A AC(rms)/DC
Voltage Rating: 500V AC(rms)/DC
Contact Resistance: 20 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/s^2,
Shock: Peak Acceleration 735m/s^2 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	05	—	F	037	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: 37	5	Entry Angle: B-90° Angle
6	Assembly Layout: D-DIP	7	Color-Seal Pad: RD-Red	8	Type: 0-Standard	9	H: 0-H=3		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 08/MAY/25	PART NO. FMD005-F037BDXX-XX	ITEM NO. FMD005	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 08/MAY/25	TITLE Micro-D Connector Pitch 1.27mm Female(DIP)		REV 0 / SHEET NO. 1/1
SCALE NTS / SIZE A4	X.X ±0.20	X.X° ±2°					
	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 08/MAY/25			
	X.XXX ±0.10	X.XXX° ±0.5°					

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