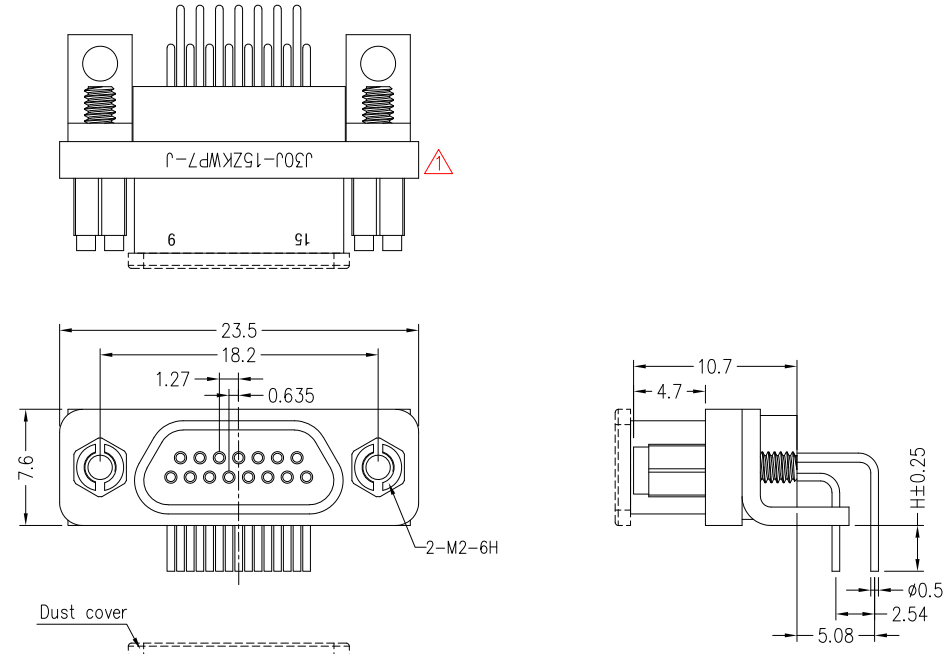
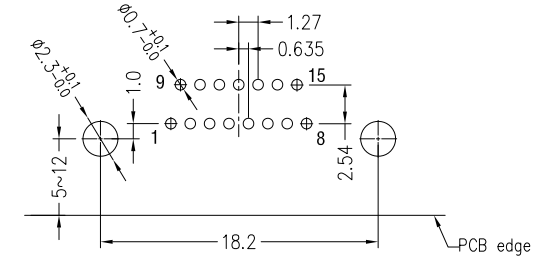
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	1	ADD MARKING CODE	2025-05-07		HUANG





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	01	—	F	015	B	D	XX	-	X	X
1	1		3	4	5	6	7		8	9

	Category	Distinction No.	Gender	Circuits	Entry Angle
	FMD0-Micro-D Connector	01	F-Female	15	B-90° Angle

	Assembly Layout	Color-Seal Pad	Type	H
	D-DIP	RD-Red	0-Standard	0-H=3

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 17/OCT/24	PART NO. FMD001-F015BDXX-XX
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 17/OCT/24	ITEM NO. FMD001
	X.X ±0.20	X.X° ±2°			TITLE Micro-D Connector Pitch 1.27mm Female(DIP)
SCALE 5:1	X.XX ±0.15	X.XX° ±1°	DRAWN BY HUANG	DATE 17/OCT/24	
SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

REV 1 | SHEET NO. 1/1

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