

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 Blue(UL94V-0)

Conductor: Copper Alloy/Gold Plated

Shell: Aluminium alloy/Nickel Plated

Screw&Nut: Stainless steel

Wire Range: AFR250 0.1~0.15mm².

Ordering Information

FMD0	15	—	M	051	S	W	XX	—	S	0
1	2	3	4	5	6	7	8			

1	Category	2	Distinction No.	3	Gender	4	Circuits
	FMD0—Micro-D Connector		15		M—Male		51 66
5	Entry Angle	6	Assembly Layout	7	Color—Resin	8	Type
	S—180° Vertical		W—Soldering		BU—Blue		S—Standard

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
51	FMD015—M051SWBU—S0	36.4	30.86
66	FMD015—M066SWBU—S0	42.9	37.3

THIRD ANGLE PROJECTION

DESIGN UNITS

METRIC(mm)

SCALE

NTS

SIZE

A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X. ±0.30

X.X ±0.20

X.XX ±0.15

X.XXX ±0.10

X.* ±5°

X.X* ±2°

X.XX* ±1°

X.XXX* ±0.5°

APPROVE BY

LEO

CHECKED BY

GISELLE

DRAWN BY

HUANG

DATE

24/MAY/25

DATE

24/MAY/25

DATE

24/MAY/25

PART NO.

FMD015—MXXXSWBU—S0

TITLE

Micro-D Connector
Pitch 1.27mm Male(Soldering)

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ITEM NO.

FMD015

REV 0

SHEET NO. 2/4

TXGA

Building Technology Cornerstone





