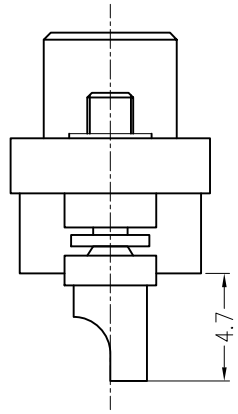
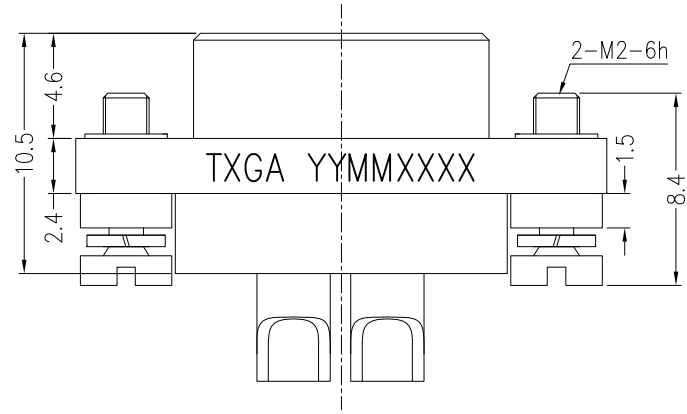
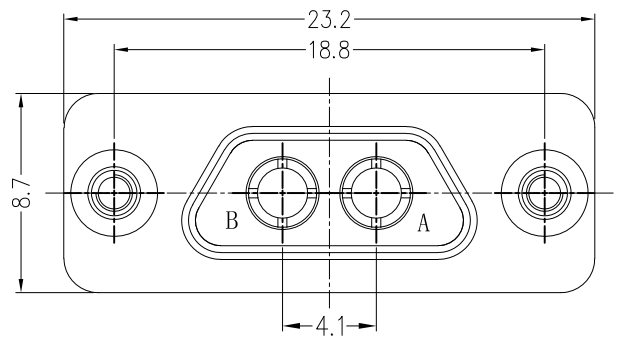
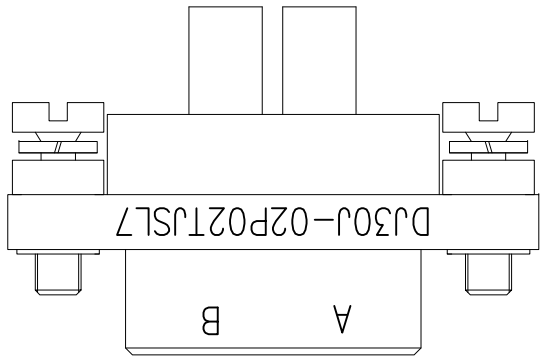


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



**Electrical**  
 Current Rating: 20A  
 Voltage Rating: 500V AC(rms)  
 Contact Resistance: 10mΩ (MAX)  
 Insulation Resistance: 5000MΩ (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<sup>2</sup>,  
 Shock: Peak Acceleration 735m/s<sup>2</sup>.

**Material and Plating**  
 Housing: High-temperature plastic (UL94V-0)  
 Shell: Aluminum alloy /plated Nickel  
 Contact Pin: Copper alloy /plated Gold  
 Screw&Shim: Stainless steel  
 Wire Range: AFR250 2.0~3.0mm<sup>2</sup>.

### Ordering Information

FMDP 01 - M 002 S W BK - S 0  
 1 2 3 4 5 6 7 8

1	Category FMDP-Micro-D Connector Mixed power	2	Distinction No. 01	3	Gender M-Male	4	Circuits 2
5	Entry Angle S-180° Vertical	6	Assembly Layout W-Soldering	7	Color-Resin BK-Black	8	Type S-Standard

 THIRD ANGLE PROJECTION DESIGN UNITS METRIC(mm) SCALE NTS SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/MAY/25	PART NO. FMDP01-M002SWBK-S0	ITEM NO. FMDP01	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 19/MAY/25	TITLE Micro-D Connector Mixed power 2P2 Male Soldering		
	X.XX ±0.20	X.X' ±2'	DRAWN BY HUANG	DATE 19/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'						