



REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

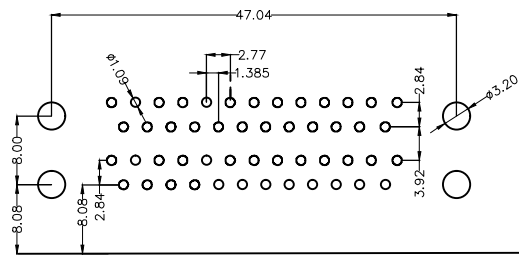
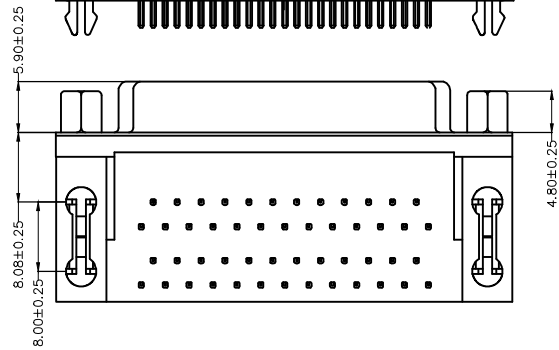
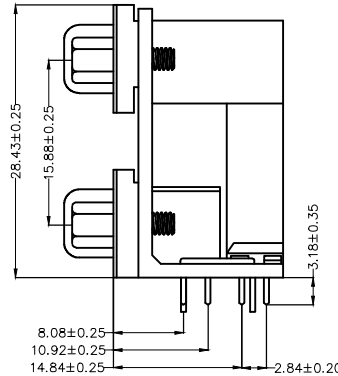
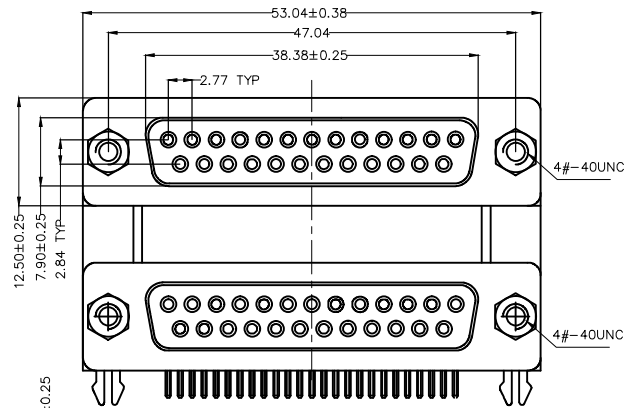
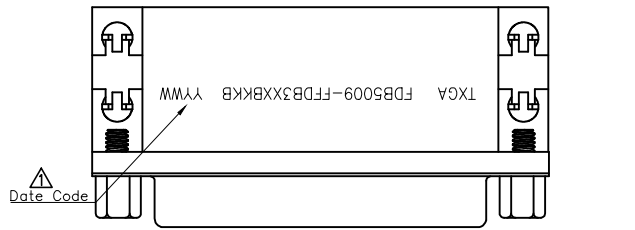
### SPECIFICATIONS

#### Electrical

Current Rating: 3.0A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 30 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

#### Material and Finish

Housing: PBT+30% (UL 94V-0)  
Contact: Copper Alloy  
Plating: Selective gold in contact area, tin on tail  
Shell: Steel/Nickel Plated  
Board Lock: Brass/Tin Plated  
Screws: Copper Alloy/Nickel Plated




Recommended P.C.Board Layout

### Ordering Information

FDB 50 09 - FF D B 3 XX BK K B  
1 2 3 4 5 6 7 8 9 10 11

1	Series Name	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Type
	FDB- D-SUB		50		09		FF-Female+Female		D-DIP		B-90° Angle
7	Plating	8	Thickness of Plating	9	Plastic Colour	10	Packaging	11	Distinction Type		
	3-Selective gold plated on contact area and bright tin plated on tails area		00-Gold Flash 03-3u /..... Custom Plate Available		BK-Black		K-Tray		B-B Type		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±0.30	X.±5'	FRANK	28/SEP/22	FDB5009-FFDB3XXBKKB	FDB5009	
DESIGN UNITS Metric	X.X±0.20	.X'±2'	CHECKED BY	DATE	TITLE		REV 1
SCALE	X.XX±0.15	.XX'±1'	JACOB	28/SEP/22	D-SUB 25PIN FEMALE+25PIN FEMALE CONN		
SIZE	X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
5:1	A4		MATT	28/SEP/22			

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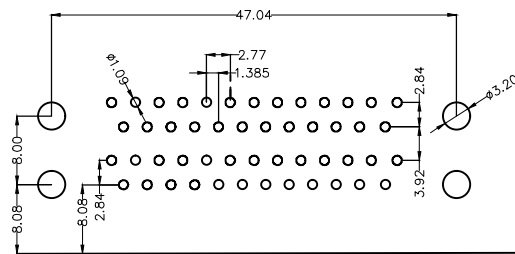
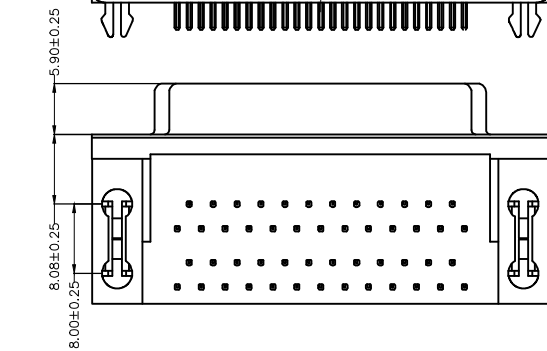
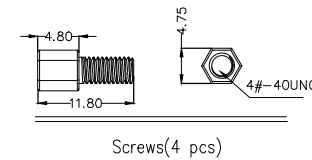
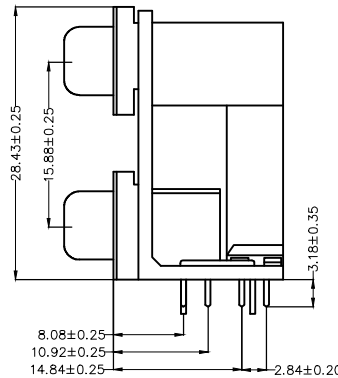
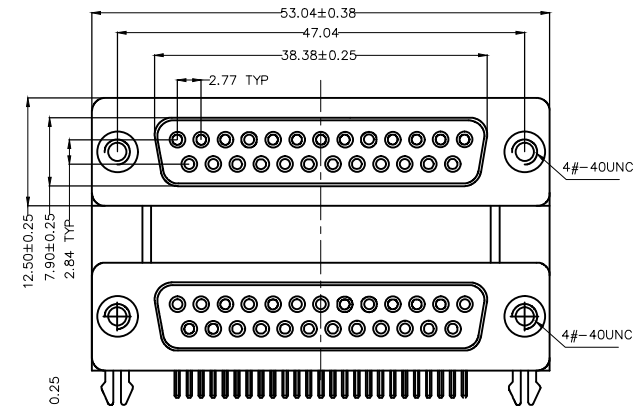
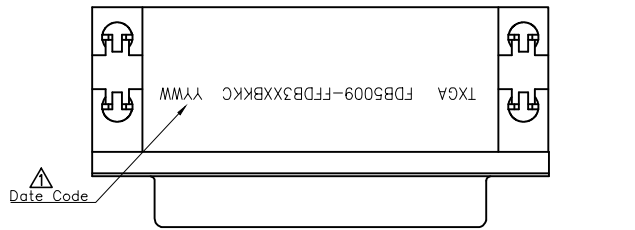
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DESIGN UNITS Metric	X.X±0.20	.X'±2'	CHECKED BY	DATE	TITLE		
SCALE 5:1	X.XX±0.15	.XX'±1'	JACOB	28/SEP/22	D-SUB 25PIN FEMALE+25PIN FEMALE CONN		REV 1
SIZE A4	X.XXX±0.10	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1/1
			MATT	28/SEP/22			