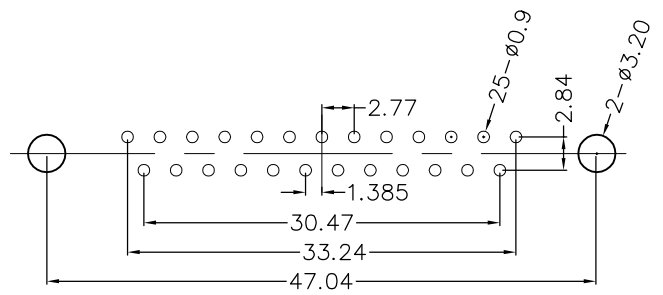
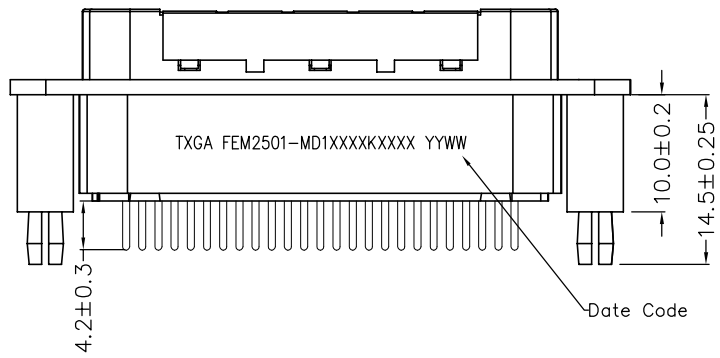
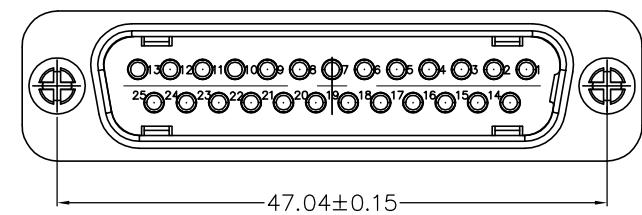
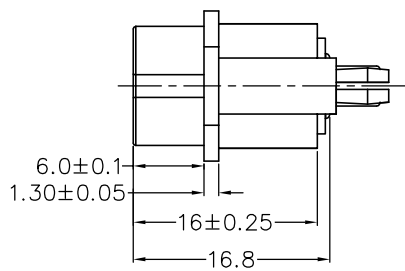
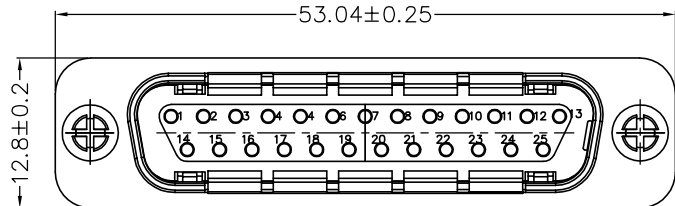


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout

Ordering Information

FEM 25 01 — M D 1 XX XX K X X XX
 1 2 3 4 5 6 7 8 9 10 11 12

Notes:

- Materials and Plating
 Shell: Nickel Plated Zinc
 Glass Filled Polyester, UL94V-0
 Contacts: Copper Alloy, Plated Gold
 Spring Clips: Nickel Plated Beryllium Copper
- Rated Current: 5A
 Insulation Resistance: 1000MΩ Min
 Contact Resistance : 10mΩ Max
- Working Temperature: -40°C to 105°C
- Capacitance: See Table 1

1 Category FEM-Filter D-SUB connector	2 Circuits 25-25Circuits	3 Serial code 01	4 Gender M-Male	5 Mounting Style D-Through hole	6 Plating 1-Gold plated
7 Plating Thickness 01- 0.025um 03- 0.075um 08- 0.75um	8 Color BK-Black BU-Blue WH-White	9 Packaging K -Tray	10 Distinction Type A-Unthreaded hole B-Front nut 5.8mm C-With Post	11 Filter Circuits A-C B-PI	12 Capacitance Value A1-100pF A4-2000pF A2-220pF A5-3300pF A3-1000pF A6-4000pF

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/Mar/24	PART NO. FEM2501-MD1XXXXXXX	ITEM NO. FEM2501	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 20/Mar/24	TITLE Filter D-Sub Connector, Machined Pin			REV 0
	DESIGN UNITS mm	X.X ±0.20	X.X' ±2'	DRAWN BY CHERRY	DATE 20/Mar/24	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
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'					
X.XXX ±0.10	X.XXX' ±0.5'							

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

See Table 1

Capacitance		3db Max Cutoff Frequency(MHz)	Dielectric Withstanding Voltag	Rated Voltage DC	MINIMUM INSERTION LOSS(db)			
Value	Tolerance				1MHz	10MHz	100MHz	1GHz
100pF	±20%	32	600V	200V	—	—	3	30
220pF	±20%	15			—	—	10	33
1000pF	±20%	3.2			—	3	27	70
2000pF	±20%	1.9	300V	100V	—	7	36	70
3300pF	+50%/−20%	1.1			—	9	44	70
4000pF	+50%/−20%	0.8			1	12	50	70

C

C

D

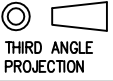

D

E

E

F

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X. ±0.30	X.' ±5'	LEO	20/Mar/24	FEM2501-MD1XXXXKXXXX	FEM2501	
	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 2/2
	X.XX ±0.15	X.XX' ±1'	GISELLE	20/Mar/24	Filter D-Sub Connector, Machined Pin		
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.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	
				CHERRY	20/Mar/24		

1 2 3 4 5 6 7 8