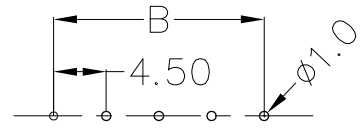
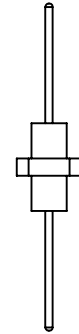
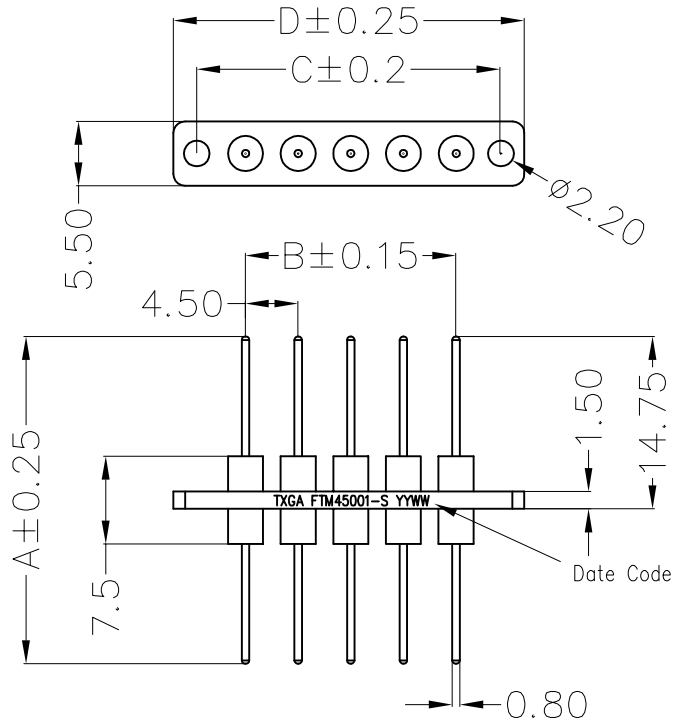


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout

Ordering Information

FTM 450 01 - S XX S X XX X XX XX
 1 2 3 4 5 6 7 8 9 10 11

1	Category FTM-EMI Filter Plate	2	Pitch 450-4.5mm	3	Serial code 01	4	Row Option S-Single row	5	Circuits 05-5Circuits	6	Orientation S-Vertical(180°)
7	Plating 1-Gold plated 4-Silver plated	8	Plating Thickness 01- 0.025um 21- 0.3um 12- 3um	9	Filter Circuits A-C B-PI C-L	10	Capacitance Value A1-100pF A2-135pF A6-1000pF	11	Pin Size A0-28.0		

- Notes:
- Materials and Plating
 Contacts: Copper Alloy,Gold/Silver Plated
 Ground Plate: Silver Plated ,Copper Alloy
 - Working Temperature: -55°C to 85°C
 - Insulation Resistance: 1000MΩ Min
 - Contact Resistance: 20mΩ Max
 - Rated Current: 1A
 - Rated Voltage: 100V DC
 - Capacitance: See Table 1

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FTM45001-SXXSXXXXXXXX	ITEM NO. FTM45001	 Building Technology Cornerstone	
	DESIGN UNITS mm	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE EMI Filter Plate		REV 0
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	DRAWN BY CHERRY	DATE 30/JAN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Plate Length(A)	Part No.	Circuits (n)	Dimensions(mm)		
			B	C	D
28	FTM45001-S02SXXXXXXXX	2	4.50	12.50	16.50
	FTM45001-S03SXXXXXXXX	3	9.00	17.00	21.00
	FTM45001-S04SXXXXXXXX	4	13.50	21.50	25.50
	FTM45001-S05SXXXXXXXX	5	18.00	26.00	30.0

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	LEO	30/JAN/23	FTM45001-SXXSXXXXXXXX	FTM45001		
	DESIGN UNITS	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		REV 0
	mm	X.XX ±0.15	X.XX' ±1'	GISELLE	30/JAN/23	EMI Filter Plate		
SCALE	SIZE	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		
5:1	A4			CHERRY	30/JAN/23	SHEET NO. 2/3		

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

A
B
C
D
E
F

See Table 1

Capacitance		3db Max Cutoff Frequency(MHz)	Rated Voltage DC	MINIMUM INSERTION LOSS(db)		
Value	Tolerance			10MHz	100MHz	1GHz
100pF	±20%	52	100V	—	3	20
135pF	±20%	24		—	5	24
220pF	±20%	14		—	10	29
470pF	±20%	11		1	15	34
830pF	±20%	7		2	19	38
1000pF	±20%	5		3	22	40
2000pF	±20%	2		7	26	45
4000pF	+50%/−20%	1		12	30	50

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/Mar/24	PART NO. FTM45001-SXXSXXXXXXXX	ITEM NO. FTM45001	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 20/Mar/24	TITLE EMI Filter Plate			REV 0
	DESIGN UNITS mm	X.XX ±0.15	X.XX' ±1'	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		
	SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'				

1 2 3 4 5 6 7 8