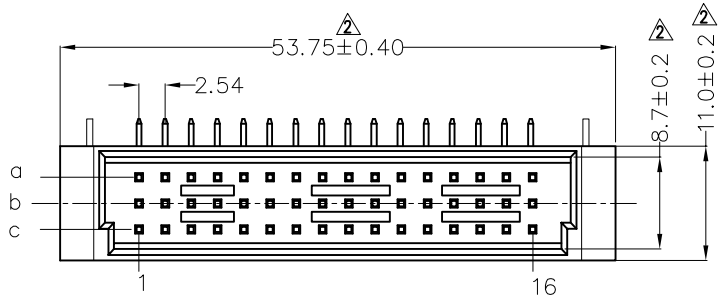
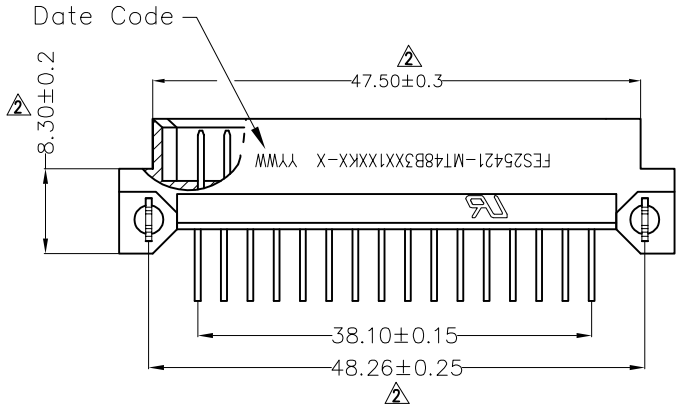
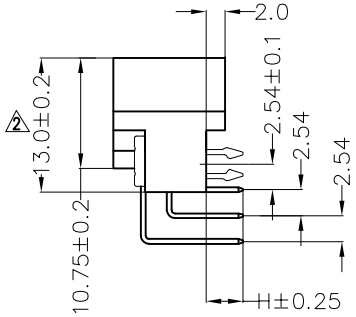
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△1	SIZE CHANGE	02/JUL/24	CHERRY	LEO
2	△2	1:Update dimensions and tolerances 2:Update Electrical Characteristics 3:Update Terminal plating	22/JUL/26	MATT	LEO







SPECIFICATIONS

Electrical

△2 Current Rating: 3A AC(rms)/DC

△2 Contact Resistance: 30 mΩ Max.

Insulation Resistance: 1000 MΩ Min.

Withstanding Voltage: 1000V AC r.m.s

Temperature Range—Operating: −55°C~+105°C

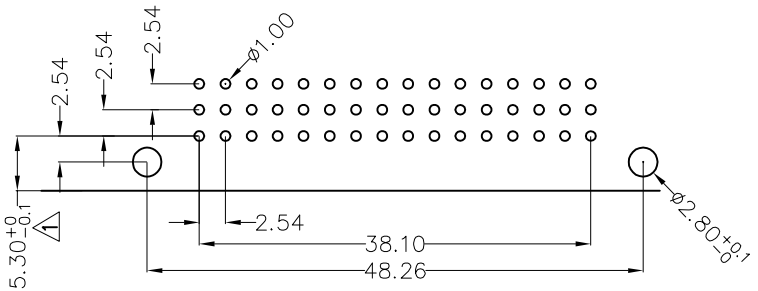
Material and Plating

Housing: PBT (UL 94V−0)

△2 Contacts: Brass/ Selective gold on contact area, bright tin on tail

*Date Code: YYWW
- Week
- Year

Code	No. of Contacts	Contact Arrangement
A	48	a b c
B	32	a b c
C		a b c
D	24	a b c
E	16	a b c
F		a b c



Recommended P.C.Board Layout

General Tolerances: ±0.05mm

Ordering Information

FES	254	21	—	M	T	48	B	3	XX	1	XX	K	X	—X
1	2	3		4	5	6	7	8	9	10	11	12	13	14

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Row Option	6	Circuits	7	Entry Angle		
	FES−European style socket		254−Pitch2.54mm		21		M−Male		T−Three Row		48		B−90° Angle		
8	Plating △2	9	Thickness of Gold Plating	10	Material−Resin	11	Color−Resin	12	Packaging	13	Code			14	Pin Length △2
	3−Gold on contact bright tin on tail		01−0.025μm 03−0.075μm 10−0.25μm Custom plate available		1−PBT		GY−Grey NA−Natural		K−Tray		A−A D−D B−B E−E C−C F−F				H=3.1mm−A

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 14/FEB/23	PART NO. FES25421−MT48B3XX1GYKX−X	ITEM NO. FES25421	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 14/FEB/23	TITLE European style socket Pitch 2.54mm 90° Angle(Male)		
	X.X ±0.20	X.X° ±2°				REV 2	SHEET NO. 1/1
SCALE 5:1	X.XX ±0.15	X.XX° ±1°	DRAWN BY CHERRY	DATE 14/FEB/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SIZE A4	X.XXX ±0.10	X.XXX° ±0.5°					