

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		SIZE CHANGE	20240702	CHERRY	LEO

SPECIFICATIONS

Electrical

Current Rating: 2A AC(rms)/DC

Contact Resistance: 20 mΩ Max.

Insulation Resistance: 1000 MΩ Min.

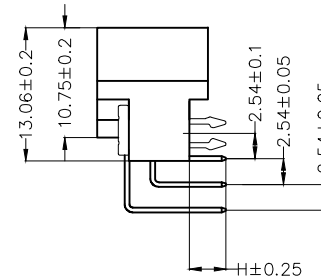
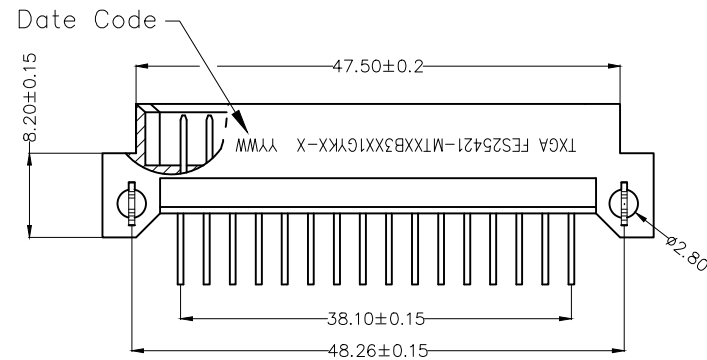
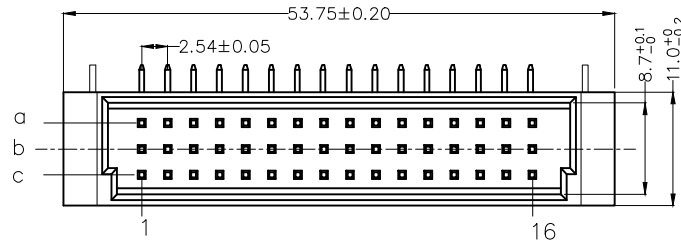
Withstanding Voltage: 1000V AC r.m.s

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

Material and Plating

Housing: PBT (UL 94V-0)

Contacts: Brass/ Selective gold on contact area,
Matte-tin on tail



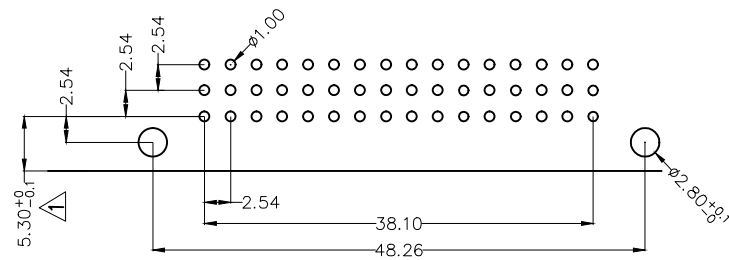
Code	No. of Contacts	Contact Arrangement
A	48	
B	32	
C		
D	24	
E	16	
F		

Ordering Information

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

1 Category FES—European style socket	2 Series Number 254—Pitch2.54mm	3 Distinction No. 21	4 Type M—Male	5 Row Option T—Three Row	6 Circuits XX	7 Entry Angle B—90° Angle
8 Plating 3—Gold on contact Matte-tin on tail	9 Thickness of Gold Plating 01—1μ" 10—10μ" 15—15μ"	10 Material—Resin 1—PBT	11 Color—Resin GY—Grey	12 Packaging K—Tray	13 Code A—A D—D B—B E—E C—C F—F	14 Type H=3.0mm—A H=4.4mm—B H=13.0mm—C

Custom plate available



Recommended P.C.Board Layout
General Tolerances: ±0.05mm

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 14/FEB/23	PART NO. FES25421-MTXXB3XX1GYKX-X	ITEM NO. FES25421	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 14/FEB/23	TITLE European style socket Pitch 2.54mm 90° Angle(Male)			
DESIGN UNITS METRIC		X.X ±0.20	X.X* ±2°	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			
		X.XX ±0.15	X.XX* ±1°						
		X.XXX ±0.10	X.XXX* ±0.5°						
SCALE 5:1	SIZE A4								