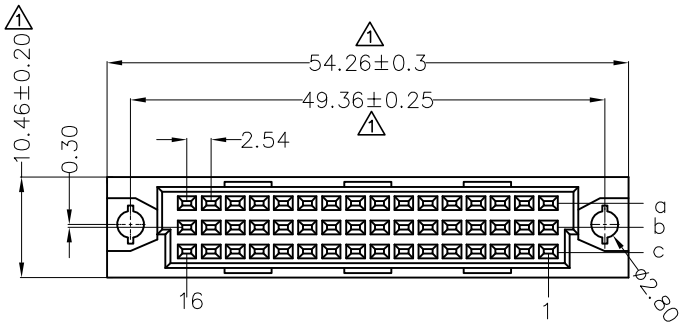
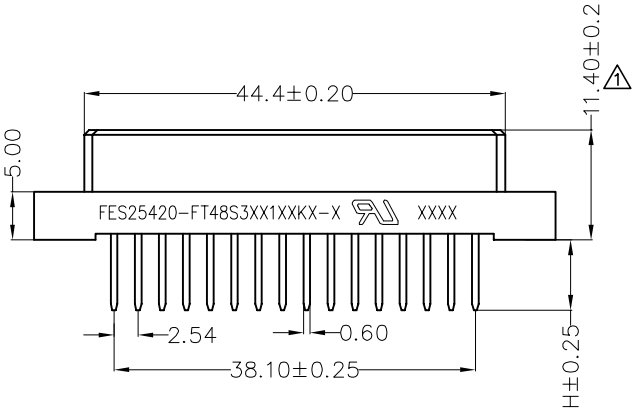
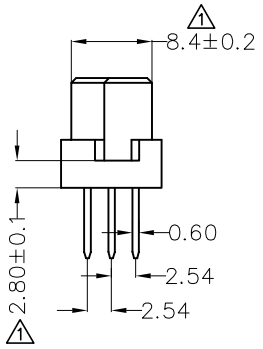
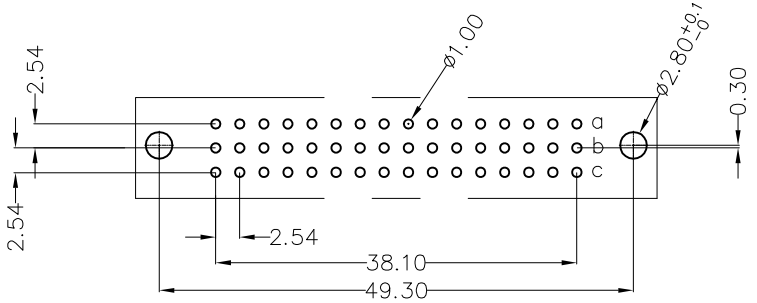
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	1:Update dimensions and tolerances 2:Update Electrical Characteristics 3:Update Terminal plating 4:Update Pin Length	22/JUL/26	MATT	LEO









Recommended P.C.Board Layout

General Tolerances: ±0.05mm

SPECIFICATIONS

Electrical

⚠1 Current Rating: 3A AC(rms)/DC

⚠1 Contact Resistance: 30 mΩ Max.

Insulation Resistance: 1000 MΩ Min.

Withstanding Voltage: 1000V AC r.m.s

Temperature Range—Operating: −55℃~+105℃

Material and Plating

Housing: PBT (UL 94V−0)

Contacts: Brass/ Selective gold on contact area, tin on tail, nickel plated under overall.

*Date Code: YYWW
- Week
- Year

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

Ordering Information

FES	254	20	—	F	T	48	S	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.: 20

4 Type: F—Female

5 Row Option: T—Three Row

6 Circuits: XX

7 Entry Angle: S—180° Vertical

8 Plating: 3—Gold on contact bright tin on tail ⚠1

9 Thickness of Gold Plating: 01—0.025μm; 03—0.075μm; 10—0.25μm; Custom plate available

10 Material—Resin: 1—PBT

11 Color—Resin: GY—Grey; NA—Natural

12 Packaging: K—Tray

13 Code: A—A, B—B, C—C, D—D, E—E, F—F

14 Pin Length ⚠1: H=3.1mm—A; H=4.0mm—B; H=13.0mm—C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 14/FEB/23	PART NO. FES25420-FT48S3XX1XXKX-X
DESIGN UNITS METRIC	X. ±0.40	X.° ±5°	CHECKED BY GISELLE	DATE 14/FEB/23	ITEM NO. FES25420
SCALE 5:1	X.X ±0.30	X.X° ±2°	DRAWN BY CHERRY	DATE 14/FEB/23	TITLE European style socket Pitch 2.54mm 180°Vertical(Female)
SIZE A4	X.XX ±0.20	X.XX° ±1°			REV 1
	X.XXX ±0.10	X.XXX° ±0.5°			SHEET NO. 1/1

TXGA Building Technology Cornerstone

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