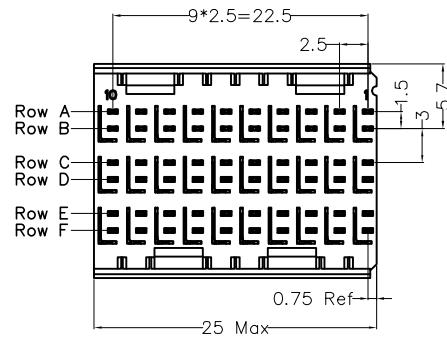
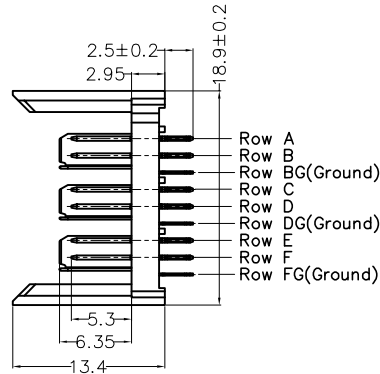


Recommended P.C.Board Layout
Tolerances: ±0.05

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating: 0.7A

Voltage Rating: 250V AC(rms)/DC

Contact Resistance: 20 mΩ Max(initial) Δ=5 mΩ Max(After test)

Insulation Resistance: 10000 MΩ Min @100V DC

Withstanding Voltage: 650V AC r.m.s(Signal to Signal)

550V AC r.m.s(Signal to Ground)

Operating Temperature: -65°C~+105°C

Material and plating

Housing:LCP (UL 94V-0)

Contacts:Copper alloy/Selective gold plated
on contact area and matte tin plated on tails

Mechanical Performance

Insertion Force: 0.7N/PIN max.(Signal),0.9N/PIN max.(Ground)

Withdrawal Force: 0.15N/PIN min.

Mechanical Durability: 250 cycles.

*Date Code: YYWW

Week
Year

Ordering Information

FBP 250 04 — M 090 S 7 XX 3 NA K
1 2 3 4 5 6 7 8 9 10 11

1	Category FBP—High speed Backplane connector	2	Series Number 250—Pitch2.5mm	3	Distinction No. 04	4	Gender M—Male	5	Circuits 090	6	Entry Angle S—180° Vertical
7	Plating 7—Selective gold plated on contact area and matte tin plated on tails	8	Thickness of Plating 00—Gold flash 01—0.025μm 03—0.075μm Custom plate available	9	Material—Resin 3—LCP	10	Color—Resin NA—Natural	11	Packaging K—Tray		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 21/JUL/22	PART NO. FBP25004—M090S7XX3XXK	ITEM NO. FBP25004	 Building Technology Cornerstone	
		GB 1804—m	X' ±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS METRIC		30~120 ±0.30	X.X' ±2'	GISELLE	21/JUL/22	High speed Backplane connector 3 Pair Pitch 2.5mm Male(Press fit) 6.25Gbps		REV 0	SHEET NO. 1/1
		6~30 ±0.20	X.XX' ±1'	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			
SCALE 1.5:1	SIZE A4	0~6 ±0.10	X.XXX' ±0.5'	MATT	21/JUL/22				