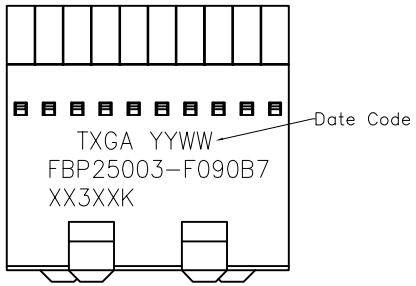
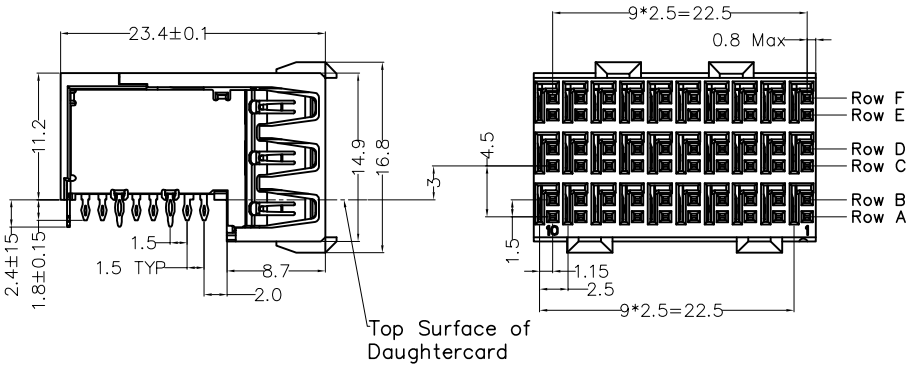
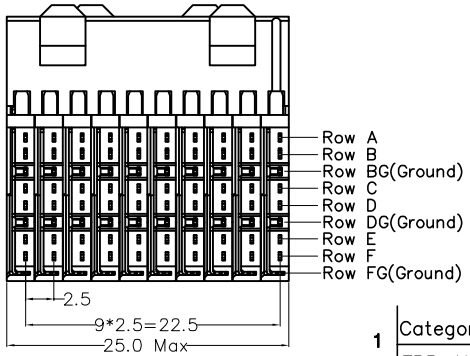
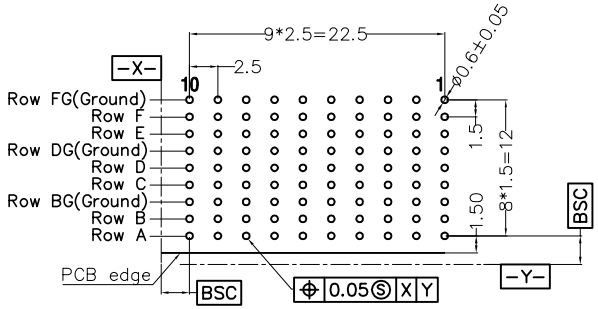
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD









Recommended P.C.Board Layout
Tolerances: ±0.05

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℃~+105℃

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
- YY: Year
- WW: Week

Ordering Information

FBP	250	03	—	F	090	B	7	XX	3	NA	K
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Series Number	3	Distinction No.	4	Gender	5	Circuits	6	Entry Angle
	FBP−High speed Backplane connector		250−Pitch2.5mm		03		F−Female		090		B−90° Angle

7	Plating	8	Thickness of Plating	9	Material−Resin	10	Color−Resin	11	Packaging
	7−Selective gold plated on contact area and matte tin plated on tails		00−Gold flash 01−0.025μm 03−0.075μm Custom plate available		3−LCP		NA−Natural		K−Tray

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Building Technology Cornerstone
	GB 1804-m	X.° ±5°	LEO	21/SEP/22	FBP25003-F090B7XX3XXK	FBP25003	
DESIGN UNITS METRIC	30~120 ±0.30	X.X° ±2°	CHECKED BY GISELLE	DATE 21/SEP/22	TITLE: High speed Backplane connector 3 Pair Pitch 2.5mm Female(Press fit) 6.25Gbps	REV 0	SHEET NO. 1/1
SCALE 1.5:1	SIZE A4	6~30 ±0.20 X.XX° ±1°	DRAWN BY MATT	DATE 21/SEP/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		0~6 ±0.10 X.XXX° ±0.5°					