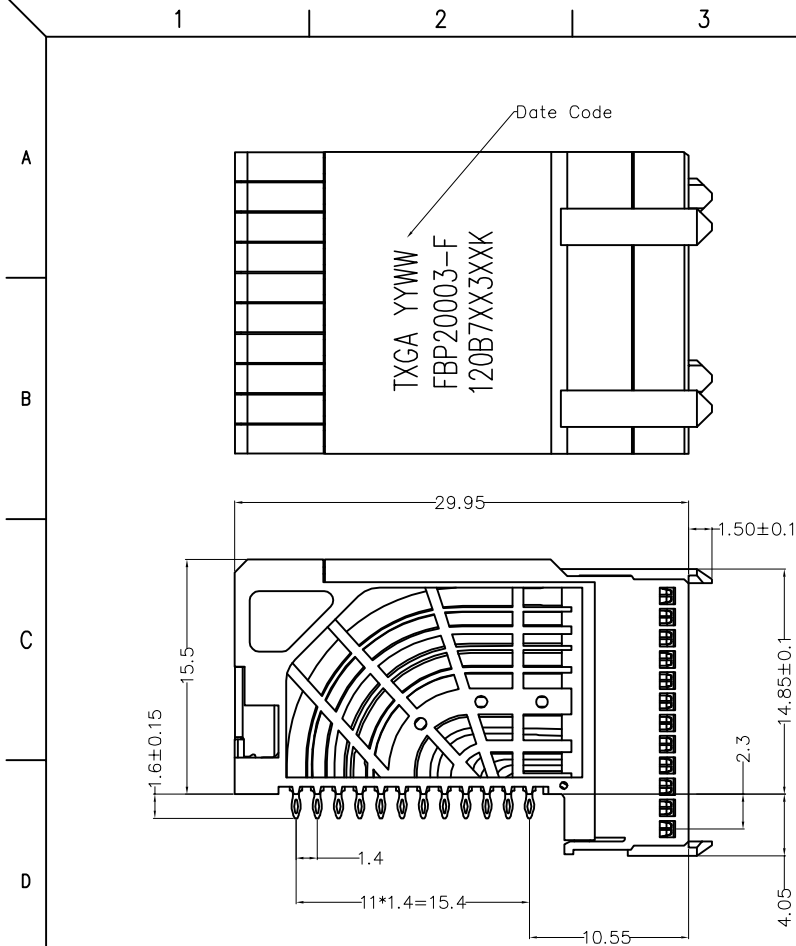
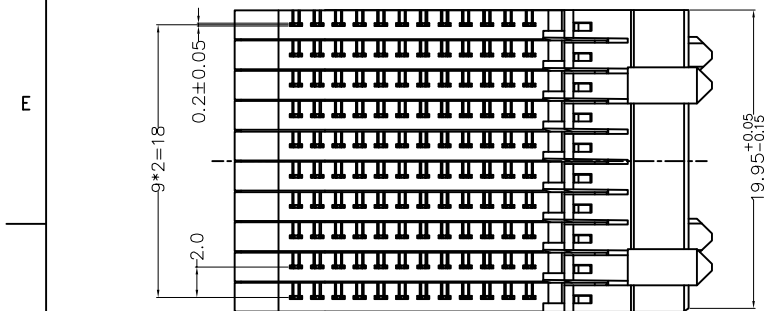
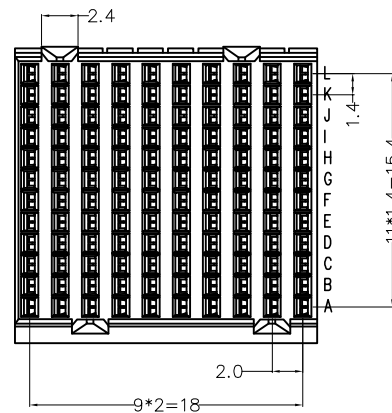




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating: 0.5A

Voltage Rating: 250V AC(rms)/DC

Contact Resistance: 35 mΩ Max(initial) Δ=10 mΩ Max(After test)

Insulation Resistance: 1000 MΩ Min @500V DC

Withstanding Voltage: 500V AC r.m.s

Operating Temperature: -55°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: 0.5N/PIN max.

Withdrawal Force: 0.15N/PIN min.

Mechanical Durability: 200 cycles.

*Date Code: YYWW

Week
Year

Ordering Information

FBP 200 03 — F 120 B 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 200—Pitch2.0mm	3	Distinction No. 03	4	Gender F—Female	5	Circuits 120	6	Entry Angle B—90° Angle
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/SEP/22	PART NO. FBP20003-F120B7XX3XXK	ITEM NO. FBP20003	 Building Technology Cornerstone		
DESIGN UNITS METRIC		GB 1804-m	X' ±5'	CHECKED BY	DATE	TITLE High speed Backplane connector 4 Pair Pitch 2.0mm Female(Press fit) 12.5Gbps			REV 0	SHEET NO. 1/2
		30~120 ±0.30	X.X' ±2'	GISELLE	21/SEP/22					
		SCALE 1:1	SIZE A4	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		
		0~6 ±0.10	X.XXX' ±0.5'	MATT	21/SEP/22					

A

B

C

D

E

F

A

B

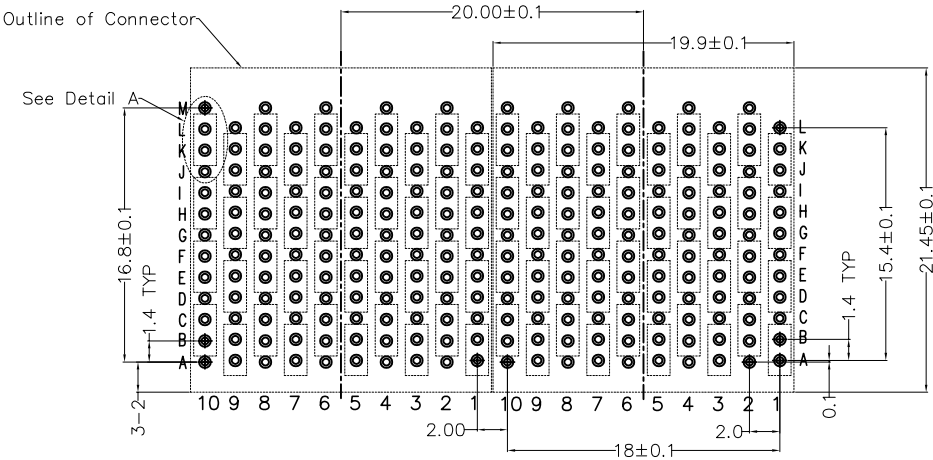
C

D

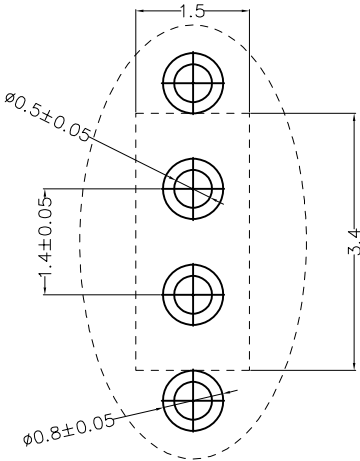
E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout
Tolerances: ±0.05



Detail A
Scale 5:1

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 21/SEP/22	PART NO. FBP20003-F120B7XX3XXK	ITEM NO. FBP20003	 Building Technology Cornerstone	
		GB 1804-m	X' ±5'	CHECKED BY GISELLE	DATE 21/SEP/22	TITLE High speed Backplane connector 4 Pair Pitch 2.0mm Female(Press fit) 12.5Gbps			
DESIGN UNITS METRIC		30~120 ±0.30	X.X' ±2'	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			
		6~30 ±0.20	X.XX' ±1'						
SCALE 1:1	SIZE A4	0~6 ±0.10	X.XXX' ±0.5'	REV 0 SHEET NO. 2/2					