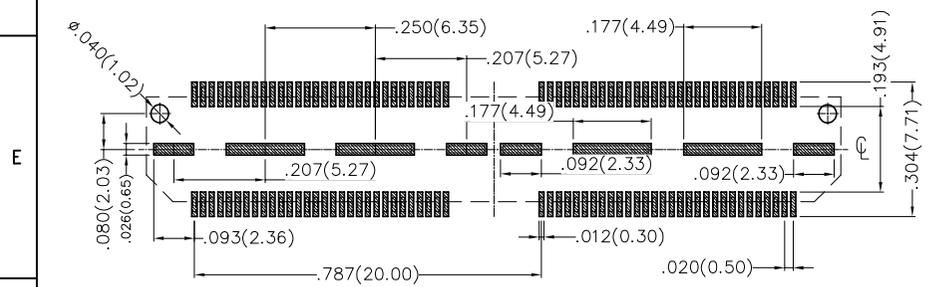
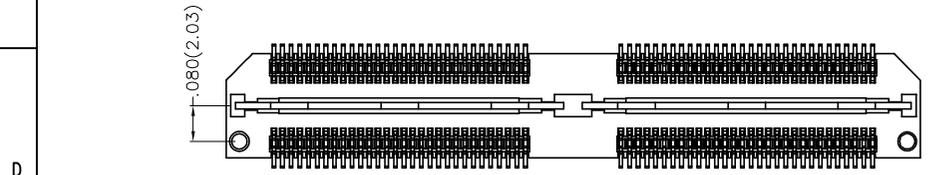
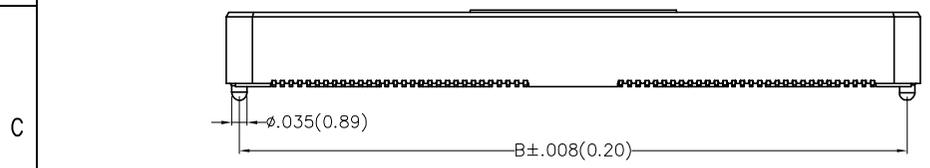
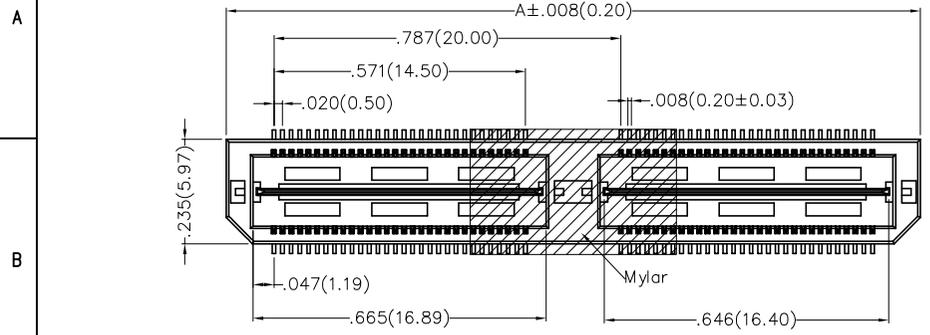
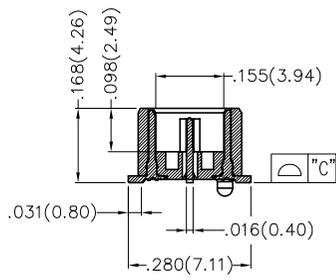


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Reorganized the P.C.Board Layout	20/AUG/20	KATE	CHERRY
2	▲	Add 180 Circuits	08/JUL/21	KATE	CHERRY
3		Add packaging specification	19/MAR/26	MATT	LEO



Recommended P.C.Board Layout
General Tolerances: ±.002(0.05)



SPECIFICATIONS

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 50 mΩ Max.
 Insulation Resistance: 100 MΩ Min.
 Withstanding Voltage: 200V AC r.m.s
 Temperature Range-Operating: -35°C~+85°C

Material and Plating
 Housing: LCP (UL 94V-0) Black
 Contacts: Phosphor Bronze/ 10μ" gold on contact area, matte tin on tail

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
60	FBB05007-M60S3103K6M	.787(20.00)	.728(18.48)	0.04(0.10)
120	FBB05007-M120S3103K6M	1.575(40.00)	1.515(38.48)	0.04(0.10)
▲ 180	FBB05007-M180S3103K6M	2.362(60.00)	2.302(58.48)	0.06(0.15)

Ordering Information

FBB 050 07 — M XX S 3 10 3 K6 M
 1 2 3 4 5 6 7 8 9 10 11

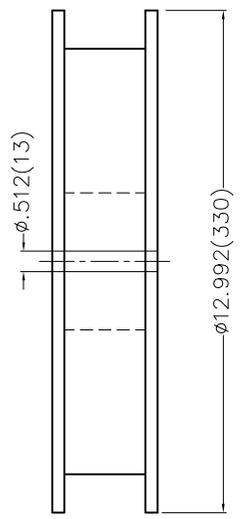
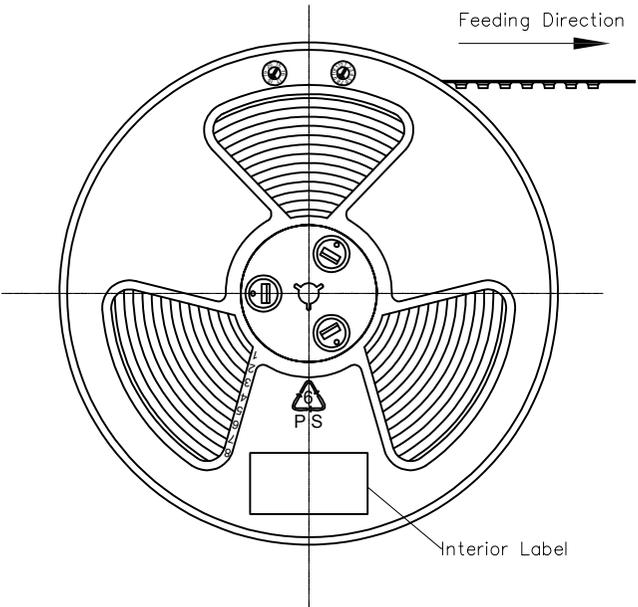
1 Category FBB-Board to Board	2 Series Number 050-Pitch0.50mm	3 Distinction No. 07	4 Type M-Male	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 3-Selective gold on contact area, tin on tail	8 Thickness of Plating 10-10μ"	9 Material-Resin 3-LCP	10 Color-Resin K6-Black	11 Packaging M-Reel	

F

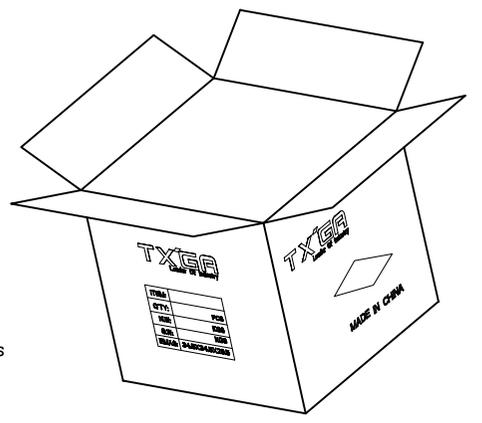
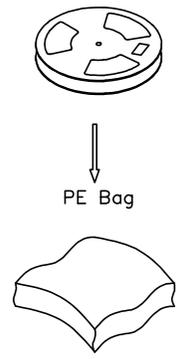
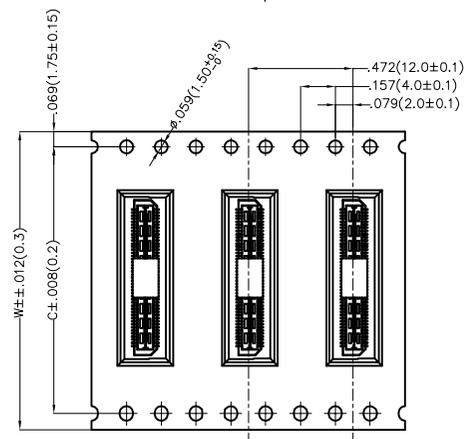
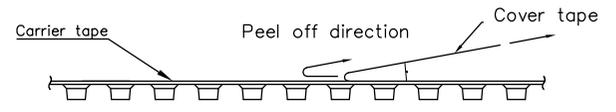
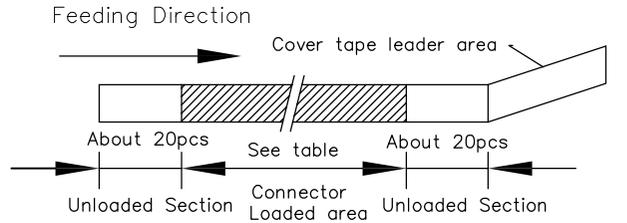
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/DEC/18	PART NO. FBB05007-MXXS3103K6M	ITEM NO. FBB05007	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 21/DEC/18	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)		REV 3
SCALE 5:1		SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY KATE	DATE 21/DEC/18	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.XXX±.004(0.10)	.XXX'±0.5'					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



- Note:
- 1.10 sprocket hole cumulative tolerance ± 0.2
 2. Carrier camber is within 1.0mm in 250mm
 3. Material: Clear conductive polystyrene Alloy 100% recyclable
 4. All dimensions meet EIA-481-3 requirements
 5. Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 6. Component load per 13" reel: See table



Circuits (n)	Dimensions(in/mm)		M
	W	C	PCS/REEL
60	1.260(32.0)	1.118(28.4)	1000
120	2.835(72.0)	2.535(64.4)	1000
180	3.465(88.0)	3.008(76.4)	650

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X.±.012(0.30)	X.'±5'	FRANK	21/DEC/18	FBB05007-MXXS3103K6M	FBB05007		
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.'±2'	CHECKED BY	DATE	TITLE		REV 3
	SCALE 5:1	X.XXX±.006(0.15)	.XX'±1'	CHERRY	21/DEC/18	Board to Board Pitch 0.5mm 180° Vertical (SMT)		SHEET NO. 2/2
	X.XXX±.004(0.10)	.XXX'±0.5'	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			
			KATE	21/DEC/18				