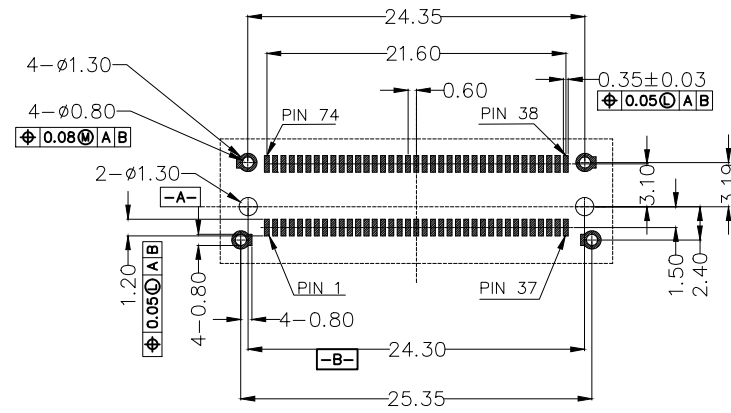
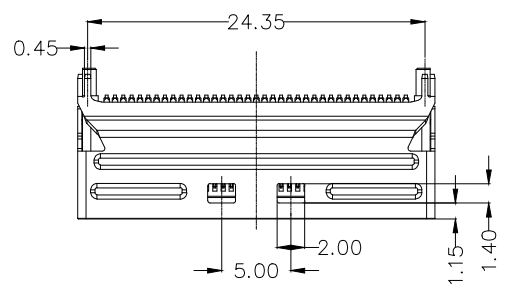
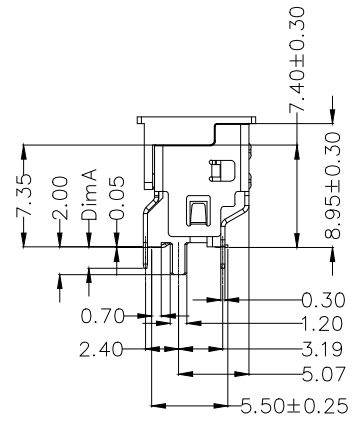
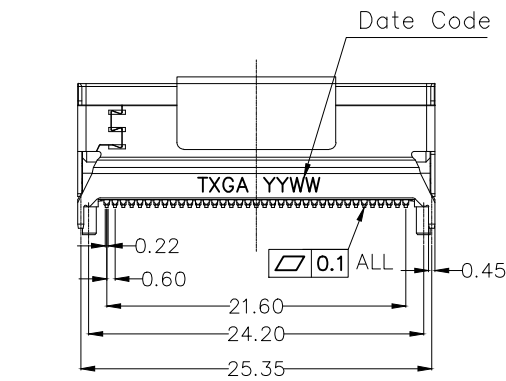
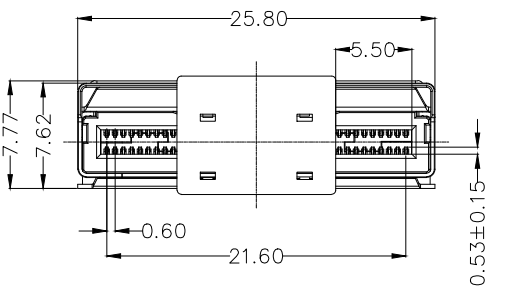


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout
General tolerances:±0.05



SPECIFICATION

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 300V AC r.m.s
Temperature Range-Operating: -55°C~+85°C

Material

Housing: LCP, (UL 94V-0)
Contact: Copper Alloy/, Selective gold plated on contact area and matte tin plated on tails area

Shell: SUS/Nickel Plating

Mechanical Performance:

Insertion Force: 81.4N Max
Removal Force: 7.4 Min (Without latch)
Durability: 250 cycles (10 cycles per minute).

Ordering Information

FMC	060	01	-	F	74	S	7	XX	3	XX	M	X
1	2	3		4	5	6	7	8	9	10	11	12

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Circuits	6	Entry Angle
	FMC-MCIO Connector (Mini cool edge I/O)		060-Pitch0.60mm		01		F-Female		74		S-180° Vertical
7	Plating	8	thickness of Gold Plating	9	Material-Resin	10	Color-Resin	11	Packaging	12	DimA
	7-Selective gold plated on contact area and matte tin plated on tails area		15-15u" 30-30u"		3-LCP		BK-Black NA-Natural		M-Reel		1-1.5mm

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>
	X. ±0.30	X.* ±5°	LEO	19/Sept/23	FMC06001-F74S7XX3XXMX	FMC06001	
DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X* ±2°	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 1/3
SCALE	X.XX ±0.15	X.XX* ±1°	GISELLE	19/Sept/23	MCIO Connector, 180°vertical Pitch 0.6mm		
SIZE	X.XXX ±0.10	X.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		
5:1	A4		Hejianpeng	19/Sept/23			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

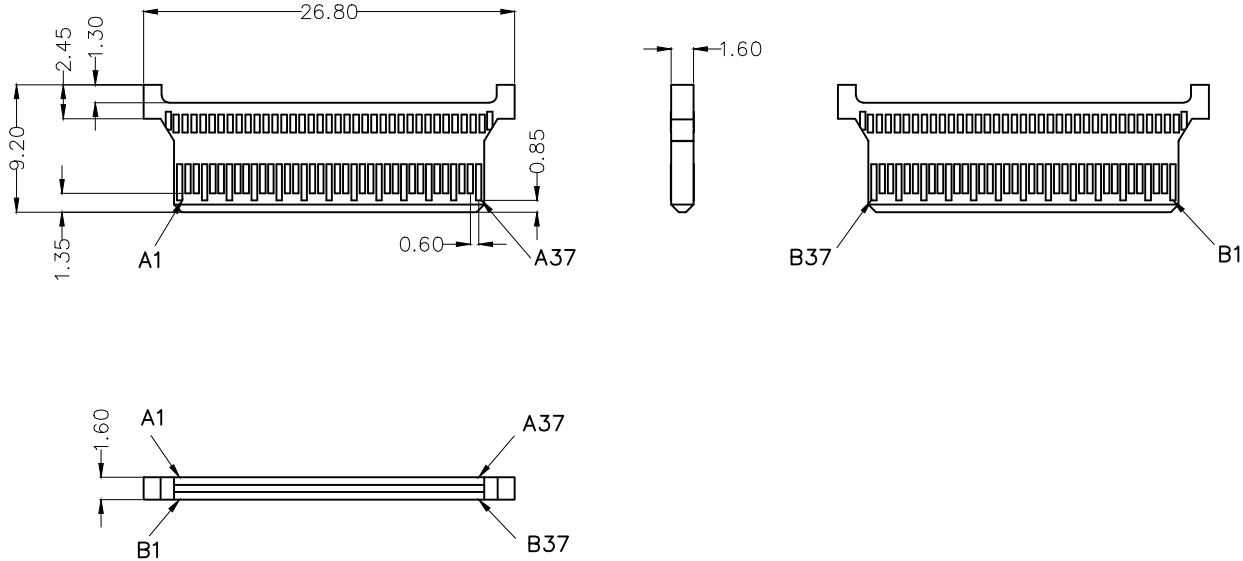
D

E

E

F

F



RECOMMENDED AIC MATING CARD DIMENSIONS
(GENERAL TOLERANCES: ±0.05)

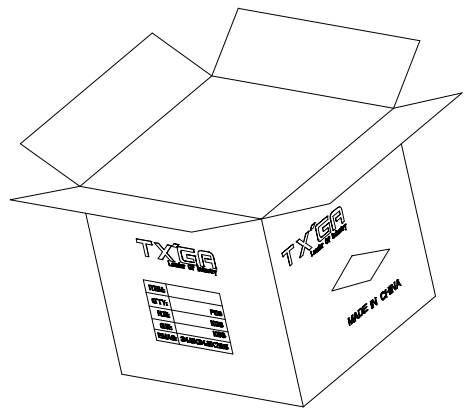
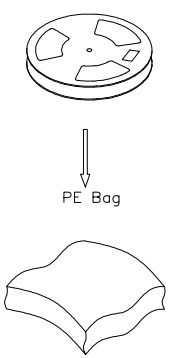
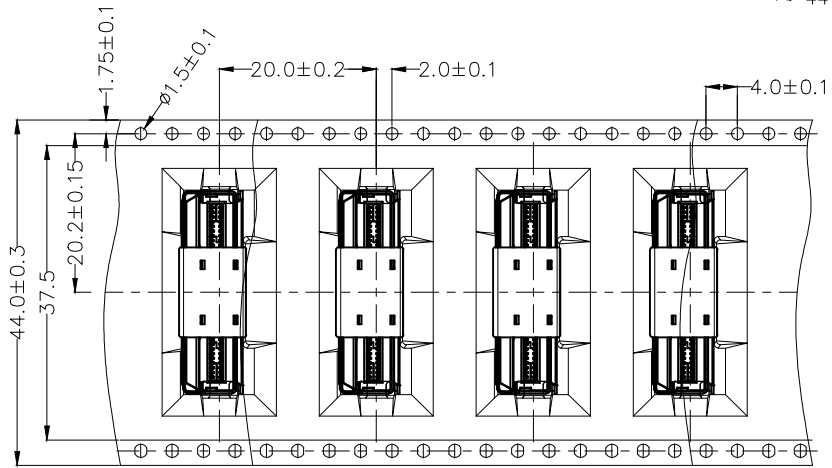
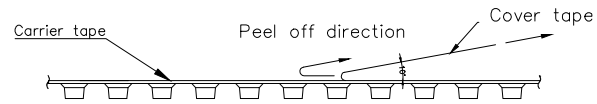
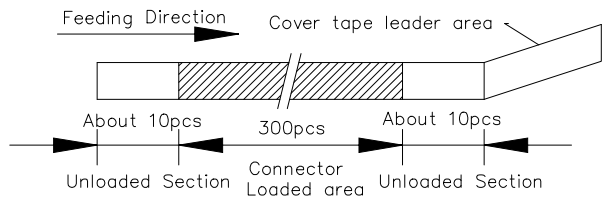
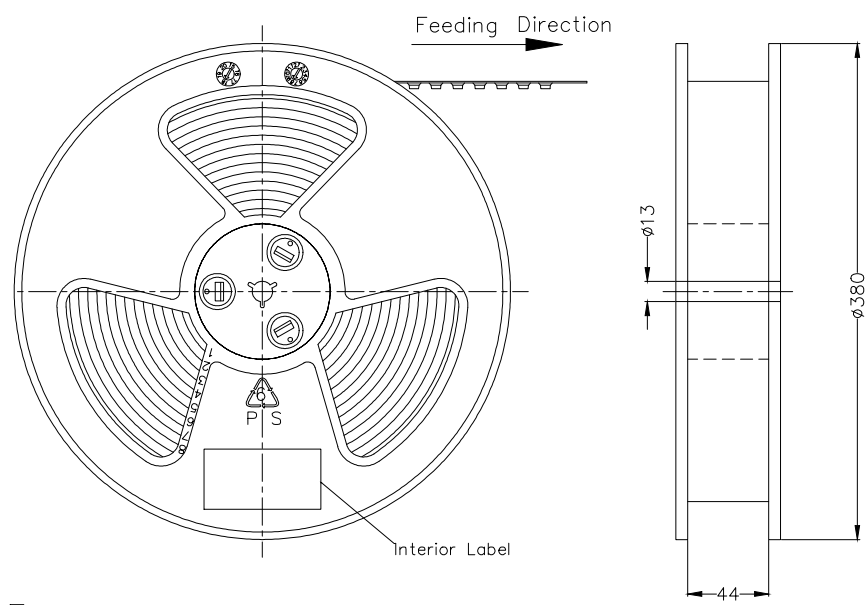
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FMC06001-F74S7XX3XXMX	ITEM NO. FMC06001	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5°	CHECKED BY GISELLE	DATE 19/Sept/23	TITLE MCIO Connector, 180°vertical Pitch 0.6mm			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2°	DRAWN BY Hejianpeng	DATE 19/Sept/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	X.XXX ±0.10	X.XXX' ±0.5°		

1 2 3 4 5 6 7 8

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: White 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



Feeding Direction →

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5°	LEO	19/Sept/23	FMC06001-F74S7XX3XXMX	FMC06001		
	DESIGN UNITS METRIC(mm)		CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 3/3
	X.X ±0.20	X.X' ±2°	GISELLE	19/Sept/23	MCIO Connector, 180°vertical Pitch 0.6mm		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY	DATE			
		X.XXX ±0.10	X.XXX' ±0.5°	Hejianpeng	19/Sept/23			

1 2 3 4 5 6 7 8