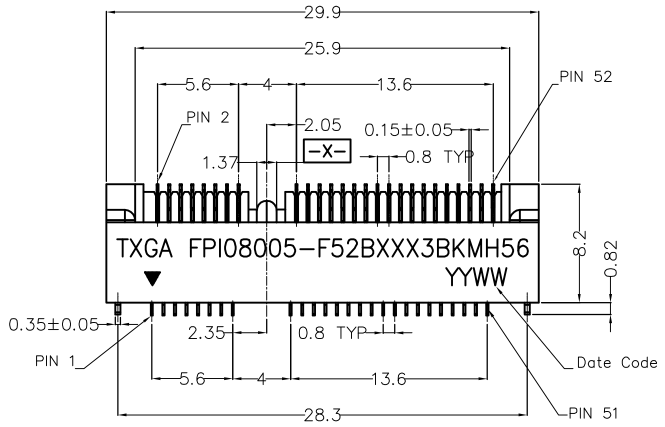
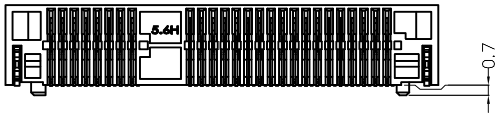
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

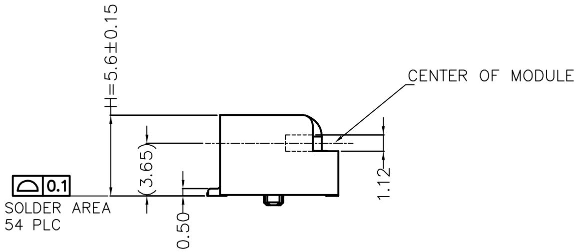
SPECIFICATIONS

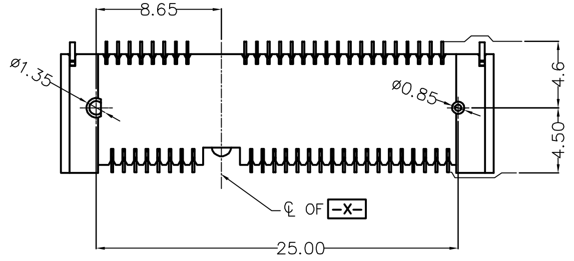
Electrical
- Current Rating: 0.5A AC(rms)/DC
- Voltage Rating: 50V AC(rms)/DC
- Contact Resistance: 55mΩ Max
- Insulation Resistance: 500MΩ Min
- Withstanding Voltage: 300V AC r.m.s
- Temperature Range-Operating: -40°C ~ +80°C

Material
- Housing: LCP (UL 94V-0) Black
- Contact: Copper Alloy/ Selected gold plated on contact area, 1u" Min. gold plated on solder tails
- Pegs: Copper Alloy/ 120u" Min. Matte Tin Plated









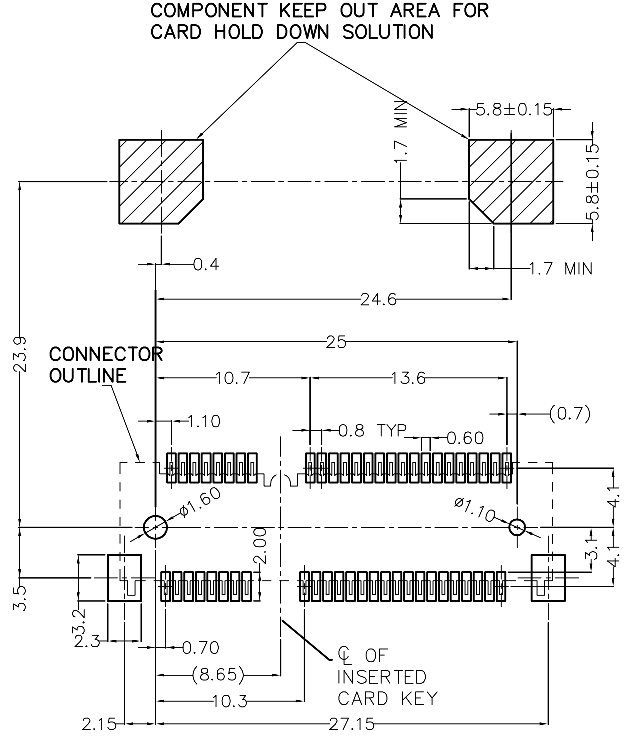
Ordering Information

FPI	080	05	—	F	52	B	1	XX	3	BK	M	H56
1	2	3		4	5	6	7	8	9	10	11	12

1	Category	FPI-MINI PCI
2	Series Number	080-Pitch0.80mm
3	Distinction No.	05
4	Type	F-Female
5	Circuits	52
6	Entry Angle	B-90° Angle
7	Plating	1-Gold Plated
8	thickness of Gold Plating	00-Gold Flash 10-10u" 30-30u"
9	Material-Resin	3-LCP
10	Color-Resin	BK-Black
11	Packaging	M-Reel
12	Connector Height(H)	H56-5.6mm

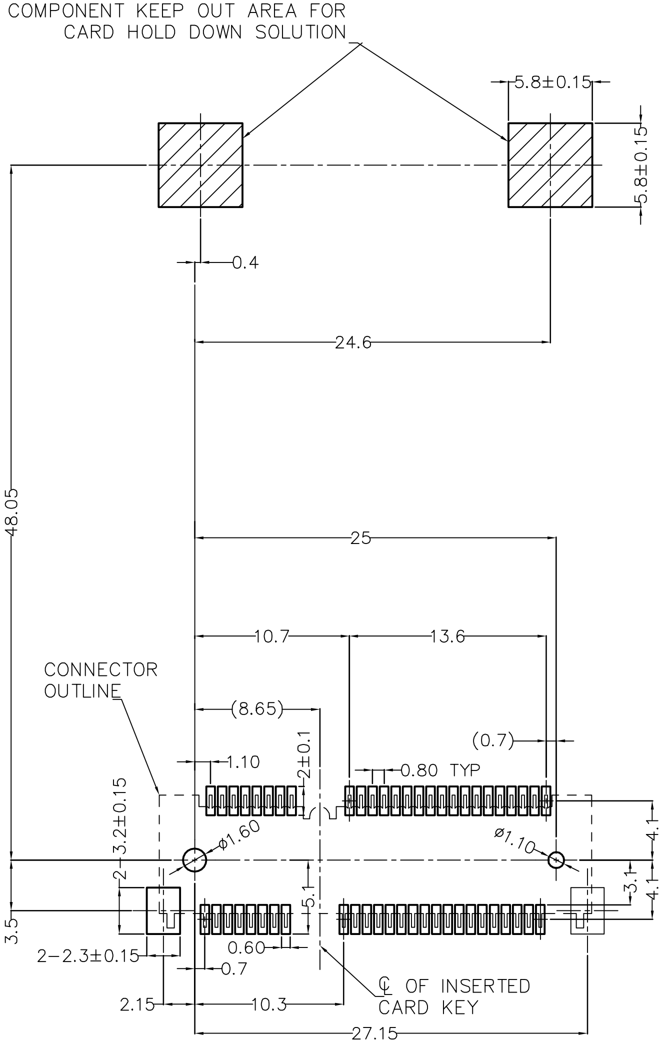
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/JUL/24	PART NO. FPI08005-F52BXXX3BKMH56	ITEM NO. FPI08005	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 20/JUL/24	TITLE MINI PCI Express (H5.6mm) Pitch 0.8mm 90° Angle		REV 0 | SHEET NO. 1/2
	X.X ±0.20	X.X° ±2°					
SCALE 5:1 | SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY MATT	DATE 20/JUL/24	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 ±0.10	X.XXX° ±0.5°					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



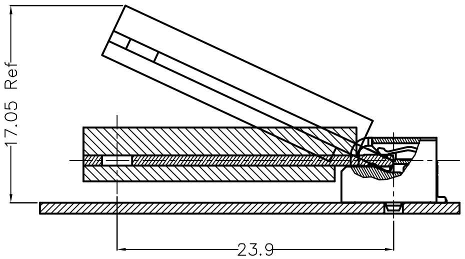
Recommended P.C.Board Layout For Half Card

General tolerances: ±0.05mm

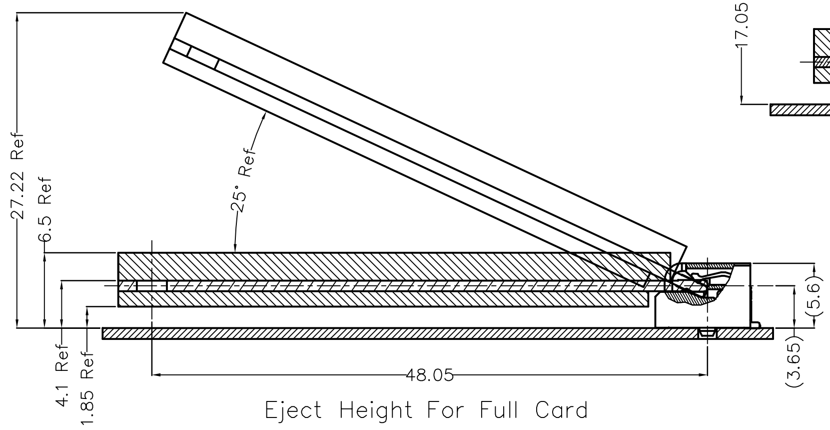


Recommended P.C.Board Layout For Full Card

General tolerances: ±0.05mm



Eject Height For Half Card



Eject Height For Full Card

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/JUL/24	PART NO. FPI08005-F52BXXX3BKMH56	ITEM NO. FPI08005	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC(mm)	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 20/JUL/24	TITLE MINI PCI Express (H5.6mm) Pitch 0.8mm 90° Angle		REV 0
	X.X ±0.20	X.X° ±2°					SHEET NO. 2/2
SCALE 5:1 SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY MATT	DATE 20/JUL/24	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 ±0.10	X.XXX° ±0.5°					