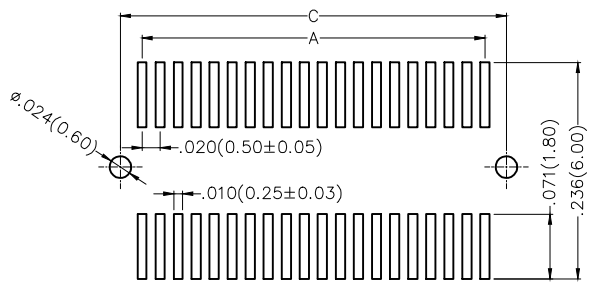
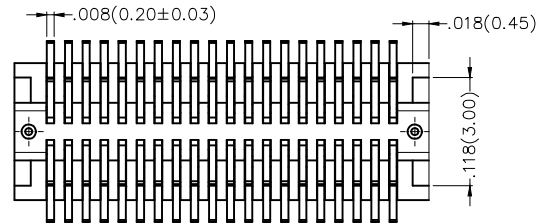
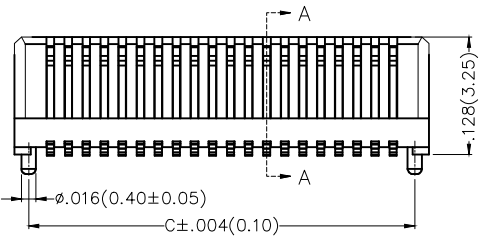
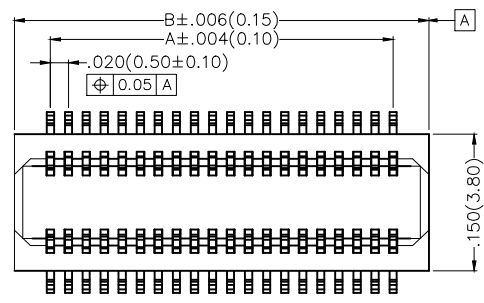
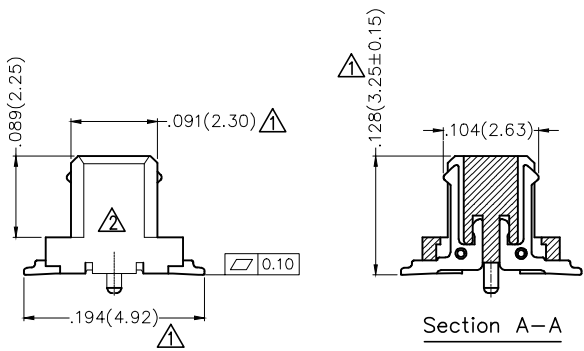


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Tolerances and Dimensions Change	30/AUG/22	MATT	CHERRY
2		Material change, Update version	09/MAR/26	NICK	LEO



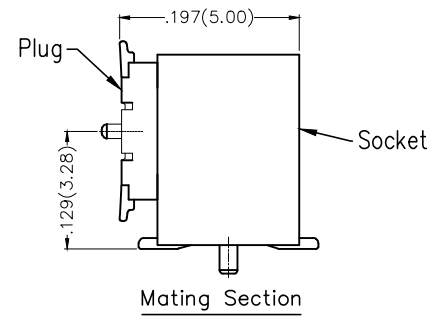
Recommended P.C. Board Layout
General Tolerances: ±0.05mm



SPECIFICATIONS

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 60V AC(rms)/DC
 Contact Resistance: 60 mΩ Max.
 Insulation Resistance: 800 MΩ Min.
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range-Operating: -25°C~+85°C

Material and Plating
 Housing: LCP (UL 94V-0)
 Contacts: Phosphor Bronze/ Gold Plated



Ordering Information

FBB 050 06 — M XX S 1 XX 5 XX 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. 06	4 Type M-Male	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated	8 Thickness of Plating 00-Gold Flash	9 Material-Resin 5-LCP	10 Color-Resin W5-Natural	11 Packaging M-Reel	

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/FEB/17	PART NO. FBB05006-MXXS1005W5M	ITEM NO. FBB05006	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY CHERRY	DATE 22/FEB/17	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 22/FEB/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 2 SHEET NO. 1/2

1 2 3 4 5 6 7 8

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

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
10	FBB05006-M10S1005W5M	.079(2.00)	.157(3.98)	.126(3.20)
12	FBB05006-M12S1005W5M	.098(2.50)	.176(4.48)	.146(3.70)
14	FBB05006-M14S1005W5M	.118(3.00)	.196(4.98)	.165(4.20)
16	FBB05006-M16S1005W5M	.138(3.50)	.216(5.48)	.185(4.70)
20	FBB05006-M20S1005W5M	.177(4.50)	.255(6.48)	.224(5.70)
24	FBB05006-M24S1005W5M	.217(5.50)	.294(7.48)	.264(6.70)
30	FBB05006-M30S1005W5M	.276(7.00)	.354(8.98)	.323(8.20)
32	FBB05006-M32S1005W5M	.295(7.50)	.373(9.48)	.343(8.70)
34	FBB05006-M34S1005W5M	.315(8.00)	.393(9.98)	.362(9.20)
36	FBB05006-M36S1005W5M	.335(8.50)	.413(10.48)	.382(9.70)
40	FBB05006-M40S1005W5M	.374(9.50)	.452(11.48)	.421(10.70)
60	FBB05006-M60S1005W5M	.571(14.50)	.650(16.50)	.618(15.70)
80	FBB05006-M80S1005W5M	.768(19.50)	.846(21.50)	.815(20.70)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/FEB/17	PART NO. FBB05006-MXXS1005W5M	ITEM NO. FBB05006	 Leader Of Industry	
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 22/FEB/17	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)			REV 2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2°	DRAWN BY KATE	DATE 22/FEB/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2/2
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.XX±1°	X.XXX±.004(0.10)	X.XX±0.5°		

1 2 3 4 5 6 7 8