

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add height series	31/MAY/22	MATT	KATE

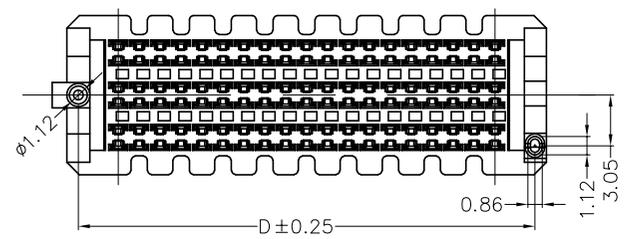
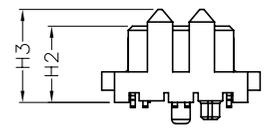
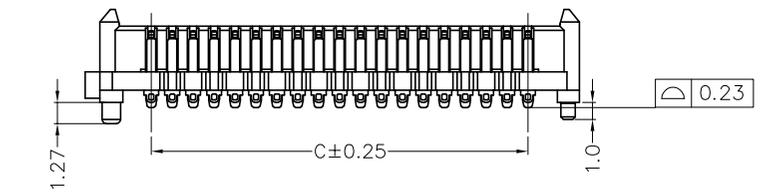
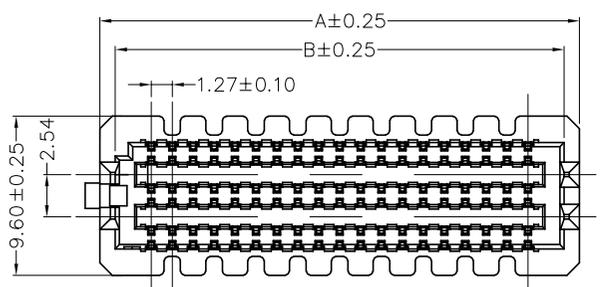
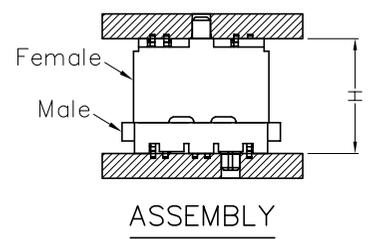
SPECIFICATIONS

Electrical

Current Rating: 1.0A AC(rms)/DC
Voltage Rating: 240V AC(rms)/DC
Temperature Range—Operating: -55°C~+125°C

Material

Housing: Thermoplastic (UL 94V-0), Color: Black
Contacts: Copper alloy/ Gold flash on contact area and tin plated on tails area



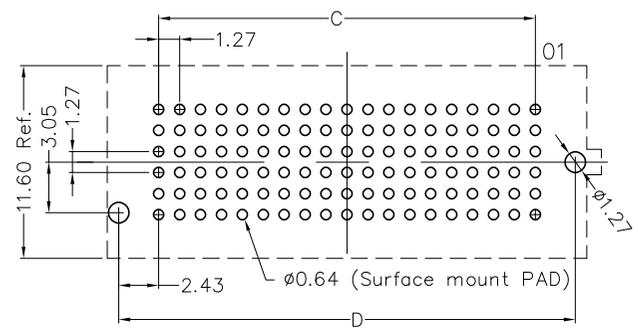
△

Height H Dimensions(mm)	Female H1 Dimensions(mm)	Male H2 Dimensions(mm)	Male H3 Dimensions(mm)	Note
7.00	5.05	4.72	5.61	
8.50	5.05	6.22	7.11	Only 114, 180Circuits
8.50	6.55	4.72	5.61	Only 114, 180Circuits
10.00	6.55	6.22	7.11	Only 114, 180Circuits

Ordering Information

FBB 127 02 — M XXX S 3 00 3 BK M HXX
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FBB—Board to Board	2 Series Number 127—Pitch1.27mm	3 Distinction No. 02	4 Type M—Male	5 Circuits XXX	6 Entry Angle S—180° Vertical
7 Plating 3—Selective gold plated on contact area and bright tin plated on tails area	8 Thickness of Plating 00—Gold flash	9 Material—Resin 3—LCP	10 Color—Resin BK—Black	11 Packaging M—Reel	12 Male height H47—H2=4.72mm H62—H2=6.22mm ...



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

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 30/JUN/21	PART NO. FBB12702-MXXXS3003BKM HXX	ITEM NO. FBB12702	 Building Technology Cornerstone
	DESIGN UNITS Metric	X. ±0.30 X.' ±5° X.X ±0.20 X.X' ±2° X.XX ±0.15 X.XX' ±1° X.XXX ±0.10 X.XXX' ±0.5°	CHECKED BY CHERRY	DATE 30/JUN/21	TITLE Board to Board Pitch 1.27mm 180° Vertical (SMT)		
SCALE 1:1	SIZE A4		DRAWN BY KATE	DATE 30/JUN/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

B

C

D

E

F

Circuits (n)	Part No.	Dimensions(mm)			
		A	B	C	D
6x10	FBB12702-M060S3003BKMHXX	17.68	15.80	11.43	16.28
6x15	FBB12702-M090S3003BKMHXX	24.03	22.15	17.78	22.63
6x19	FBB12702-M114S3003BKMHXX	29.11	27.23	22.86	27.71
6x20	FBB12702-M120S3003BKMHXX	30.38	28.50	24.13	28.98
6x25	FBB12702-M150S3003BKMHXX	36.73	34.85	30.13	35.33
6x30	FBB12702-M180S3003BKMHXX	43.08	41.20	36.83	41.68
6x40	FBB12702-M240S3003BKMHXX	55.78	53.90	49.53	54.38
6x50	FBB12702-M300S3003BKMHXX	68.48	66.60	62.23	67.08

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	DESIGN UNITS Metric	X. ±0.30 X.X ±0.20 X.XX ±0.15 X.XXX ±0.10	X.' ±5" X.X' ±2" X.XX' ±1" X.XXX' ±0.5"	CHECKED BY CHERRY	DATE 30/JUN/21	TITLE Board to Board Pitch 1.27mm 180° Vertical (SMT)	
SCALE 1:1	SIZE A4	DRAWN BY KATE		DATE 30/JUN/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1 SHEET NO. 2/2

1 2 3 4 5 6 7 8