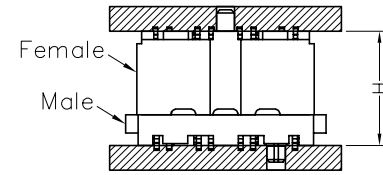


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add height series	31/MAY/22	MATT	KATE

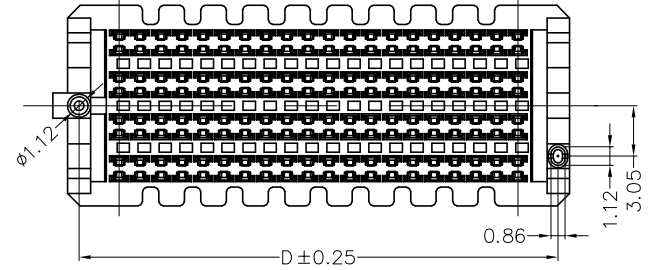
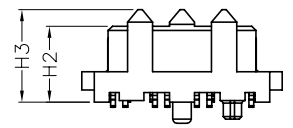
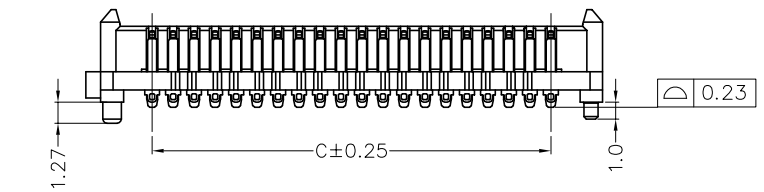
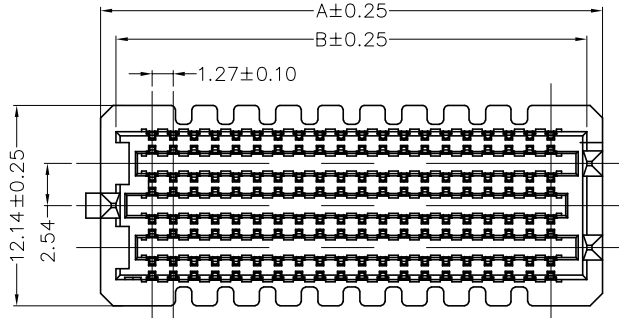
SPECIFICATIONS

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



ASSEMBLY

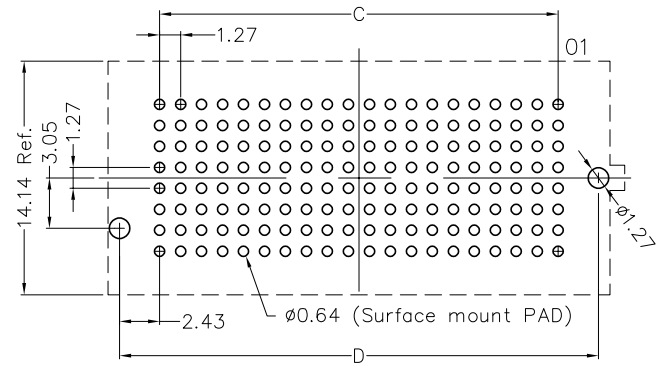


Height H Dimensions(mm)	Female H1 Dimensions(mm)	Male H2 Dimensions(mm)	Male H3 Dimensions(mm)	Note
7.00	5.05	4.72	5.61	
8.50	5.05	6.22	7.11	Only 160, 240Circuits
8.50	6.55	4.72	5.61	Only 160, 240Circuits
10.00	6.55	6.22	7.11	Only 160, 240Circuits

Ordering Information

FBB 127 03 — 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. 03	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. FBB12703-MXXXS3003BKM HXX	ITEM NO. FBB12703	 Building Technology Cornerstone
	X. ±0.30	X.' ±5°	CHECKED BY CHERRY	DATE 30/JUN/21	TITLE Board to Board Pitch 1.27mm 180° Vertical (SMT)		
DESIGN UNITS Metric	X.X ±0.20	X.X' ±2°	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		
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

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(mm)			
		A	B	C	D
8x10	FBB12703-M080S3003BKMHXX	17.68	15.80	11.43	16.28
8x15	FBB12703-M120S3003BKMHXX	24.03	22.15	17.78	22.63
8x19	FBB12703-M152S3003BKMHXX	29.11	27.23	22.86	27.71
8x20	FBB12703-M160S3003BKMHXX	30.38	28.50	24.13	28.98
8x25	FBB12703-M200S3003BKMHXX	36.73	34.85	30.13	35.33
8x30	FBB12703-M240S3003BKMHXX	43.08	41.20	36.83	41.68
8x40	FBB12703-M320S3003BKMHXX	55.78	53.90	49.53	54.38
8x50	FBB12703-M400S3003BKMHXX	68.48	66.60	62.23	67.08

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 30/JUN/21	PART NO. FBB12703-MXXXS3003BKMHXX	ITEM NO. FBB12703	 Building Technology Cornerstone
	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		

1 2 3 4 5 6 7 8