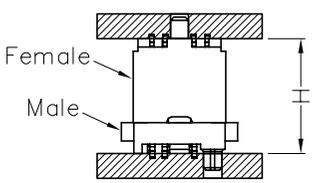


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Add height series	31/MAY/22	MATT	KATE

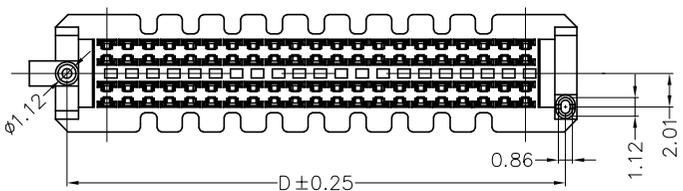
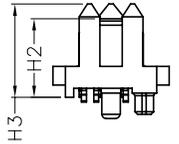
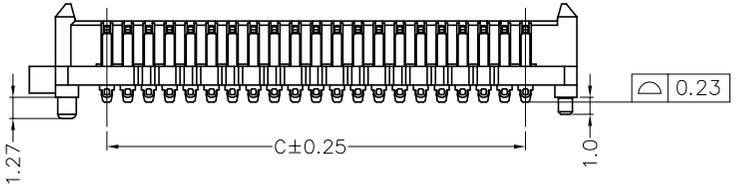
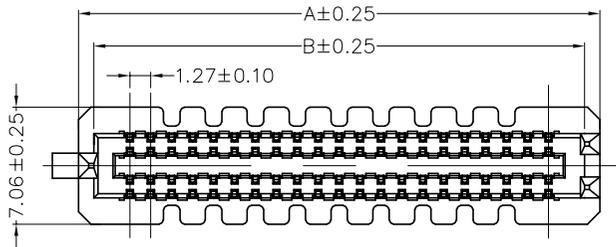
SPECIFICATIONS

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

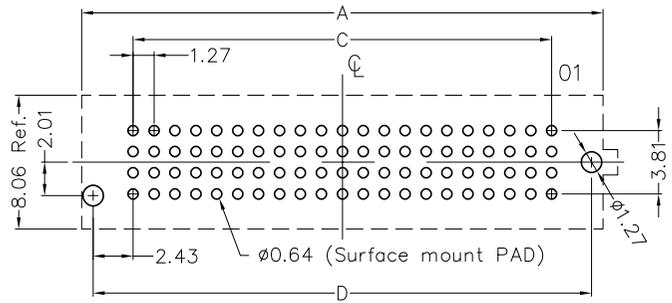


Height H Dimensions(mm)	Female H1 Dimensions(mm)	Male H2 Dimensions(mm)	Male H3 Dimensions(mm)	Note
7.00	5.05	4.72	5.61	
8.50	5.05	6.22	7.11	Only 40, 160Circuits
8.50	6.55	4.72	5.61	Only 40, 160Circuits
10.00	6.55	6.22	7.11	Only 40, 160Circuits

Ordering Information

FBB 127 01 — 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. 01	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. FBB12701-MXXXS3003BKMHHX	ITEM NO. FBB12701	 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

B

C

D

E

F

Circuits (n)	Part No.	Dimensions(mm)			
		A	B	C	D
4x10	FBB12701-M040S3003BKMHXX	17.68	15.80	11.43	16.28
4x15	FBB12701-M060S3003BKMHXX	24.03	22.15	17.78	22.63
4x19	FBB12701-M076S3003BKMHXX	29.11	27.23	22.86	27.71
4x20	FBB12701-M080S3003BKMHXX	30.38	28.50	24.13	28.98
4x25	FBB12701-M100S3003BKMHXX	36.73	34.85	30.48	35.33
4x30	FBB12701-M120S3003BKMHXX	43.08	41.20	36.83	41.68
4x40	FBB12701-M160S3003BKMHXX	55.78	53.90	49.53	54.38
4x50	FBB12701-M200S3003BKMHXX	68.48	66.60	62.23	67.08

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X. ±0.30	X.° ±5°	FRANK	30/JUN/21	FBB12701-MXXXS3003BKMHXX	FBB12701		
	DESIGN UNITS Metric		CHECKED BY	DATE	TITLE		REV 1	SHEET NO. 2/2
	X.X ±0.20	X.X° ±2°	CHERRY	30/JUN/21	Board to Board Pitch 1.27mm 180° Vertical (SMT)			
SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX° ±1°	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		
		X.XXX ±0.10	X.XXX° ±0.5°	KATE	30/JUN/21			

1 2 3 4 5 6 7 8