

Specifications:

Material And Finish:

Housing:LCP UL94V-0 Color Natural
 Contact:Phosphor bronze
 Plating:Gold Flash
 Plated:See Ordering Information

Rating:

Current Rating:0.5 Amp
 Voltage Rated:50V AC/DC
 Operating Temperature Range:-40°~+125°C

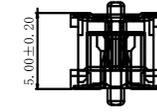
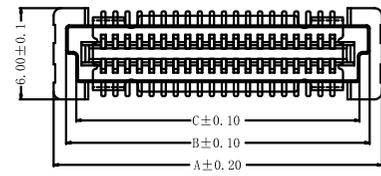
Electrical:

Contact resistance: 50m Ohm Max
 Insulator resistance:100M ohm min.
 Withstanding Voltage:500V AC Min
 Insertion Force:150g Max. Per Contact.
 Withdraw Force:10g Min. Per Contact.

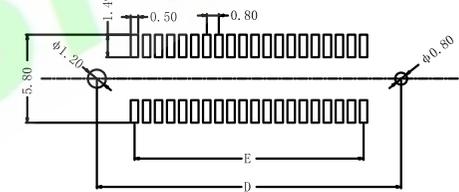
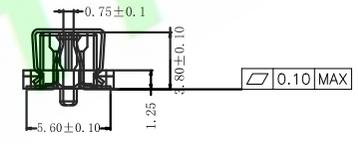
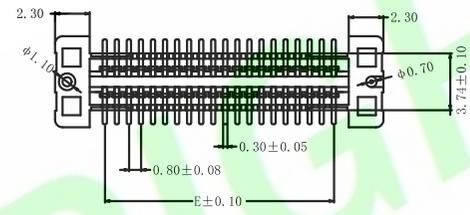
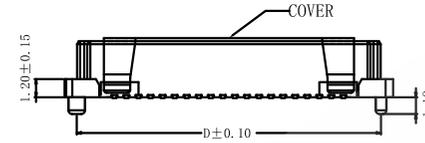
Ordering Information

BM0803M-XXXF-01-1X
 1 2 3 4 5 6 7

- 1: Series No.
- 2: M:SMT Type
- 3: No. of Positions
- 4: A:Gold flash
 Q:Tin Plated
 S:Matte Tin Plated
 H:Gold flash on contact;Matte Tin on tail
 T:10u" Gold on contact;Matte Tin on tail
 L:15u" Gold on contact;Matte Tin on tail
 Y:15u" Gold on contact;Matte Tin on tail
- 5: F:Female
- 6: 1:With locating peg
- 7: F:W/Cap In Tape&Reel
 G:W/O Cap In Tape&Reel



Assembly male:
 BM0803M-XXXM-01-1X



P.C.B LAYOUT

Contacts	Dimension (mm)				
	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
40	21.90	20.20	18.80	20.20	15.20
60	29.90	28.20	26.80	28.20	23.20
80	37.90	36.20	34.80	36.20	31.20
100	45.90	44.20	42.80	44.20	39.20
120	53.90	52.20	50.80	52.20	47.20

DR.BY.: XIAO	GENERAL TOLERANCE:		PART NO : BM0803M-XXXF-01-1X	
CHKD.: Judyyan	LINEAR	ANGLES	DWG. NO.:	
APPD.: Billy	x.: ±0.25	x: ±3.0°	TITLE : 0.8mm Pitch BTB Female SMT Type H3.75mm	
	x.x: ±0.20	x.x: ±2.0°	DATE: 24-May-2025	
	x.xx: ±0.15	x.xx:		
	x.xxx: ±0.05	x.xxx:		

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 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1
 SCALE: 1:1
 UNIT: mm

THIRD ANGLE PROJECTION

A4

2X	Version Update	XIAO	2026-01-26
1X	ORIGINAL	XIAO	
REV.	DESCRIPTION	DR.BY	ECN. NO