

**Specifications:**

**Material And Finish:**

Insulator:LCP UL94V-0 Color:Black  
Contact:BeCu

**Electrical:**

Current Rating: 2 Amp  
Voltage Rating: 225V AC/318V DC  
Operating Temperature Range:-55°~+125°C

**Ordering Information**

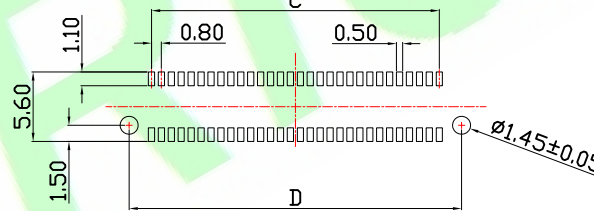
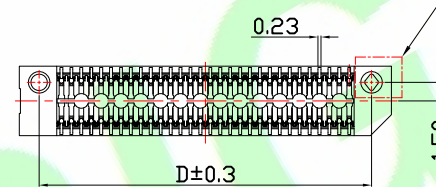
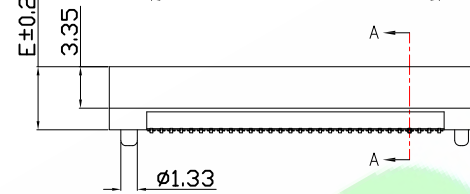
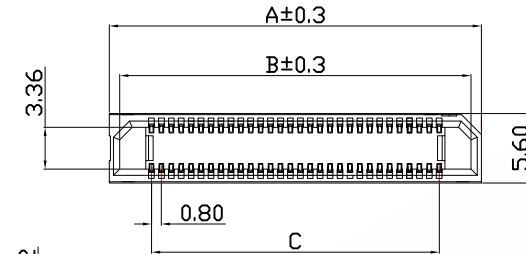
**BM080M-XXXF-XXXX-F**

1 2 3 4 5 6 7

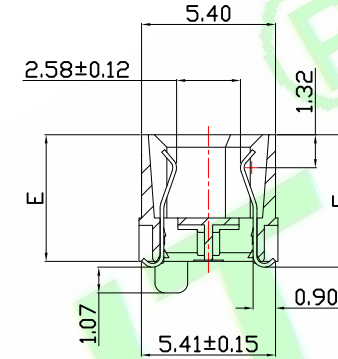
- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash

l:1u" Gold on contact;Gold flash on tail  
J:3u" Gold on contact;Gold flash on tail  
C:5u" Gold on contact;Gold flash on tail  
D:10u" Gold on contact;Gold flash on tail  
P:30u" Gold on contact;Gold flash on tail

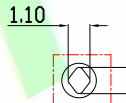
- 5: — F:Female
- 6: — STACK HEIGHT (CONSULT FORM 1)
- 7: — F:W/Cap In Tape&Reel



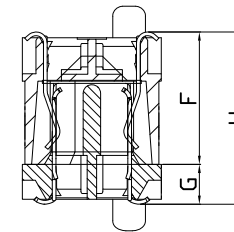
RECOMMENDED PCB LAYOUT(TOP SIDE)  
PCB BOARD TOLFRANCF±0.05



SECTION A-A  
SCALE 2:1



DETAIL D  
SCALE 2:1



MATING HEIGHT  
SCALE 2:1

FORM 2

POS	A	B	C	D
10	10.00	8.32	3.20	6.80
20	14.00	12.32	7.20	10.80
30	18.00	16.32	11.20	14.80
40	22.00	20.32	15.20	18.80
60	30.00	28.32	23.20	26.80
80	38.00	36.32	31.20	34.80
100	46.00	44.32	39.20	42.80
120	54.00	52.32	47.20	50.80
150	66.00	64.32	59.20	62.80

FORM 1

STACK HEIGHT	E	F	G	H
0501			1.605	7.00
0502	5.00mm	5.10	5.435	4.605 10.00
0503			8.605	14.00
0701			1.605	9.00
0702	7.00mm	7.00	7.235	4.605 12.00
0703			8.605	16.00
0901			1.605	11.00
0902	9.00mm	9.00	9.235	4.605 14.00
0903			8.605	18.00

5X				DR.BY.: Judyyan
4X				CHKD.: Aren
3X				APPD.: Billy
2X	ORIGINAL	Judyyan		
1X	DESCRIPTION	DR.BY	ECN. NO.	
REV.				

GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±5.0°	X.X: ±0.35
X.XX: ±0.25	X.XXX: ±0.15
X.XXX: ±1.0°	

PART NO : BM080M-XXXF-XXXX-F
DWG. NO.:
TITLE : BTB 0.8mm CONNECTOR/F
DATE: 14-Oct-2022

**HJBRIGHT®** 东莞市華晶電子有限公司  
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

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

THIRD ANGLE PROJECTION

**A4**