

Specifications:**Material And Finish:**

Insulator:LCP UL94V-0 Color:Black

Contact:COPPER ALLOY

Ground:BRASS(MATTE TIN PLATED)

Rating:

Current Rating:5.0 Amp

Voltage Rating:200V AC/DC

Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:80m Ohm Max

Insulator resistance:1000M Ohm min.

Dielectric Voltage:600V AC/Minute

Ordering Information**BM0500M-XXXF-02-XG**

1 2 3 4 5 6 7

1:— Series No.

2:— M:SMT Type

3:— No. of Positions

4:— A:Gold Flash

I: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

K:15u" Gold on contact;Gold flash on tail

P:30u" Gold on contact;Gold flash on tail

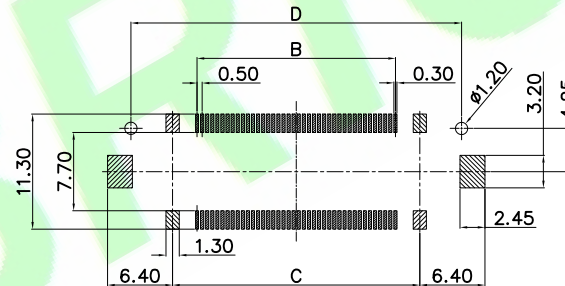
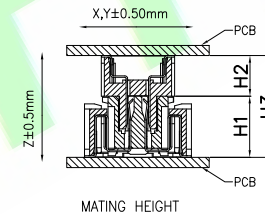
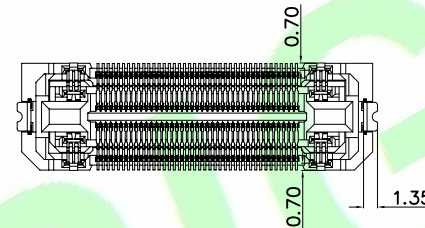
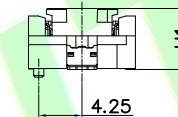
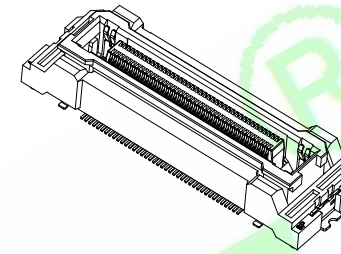
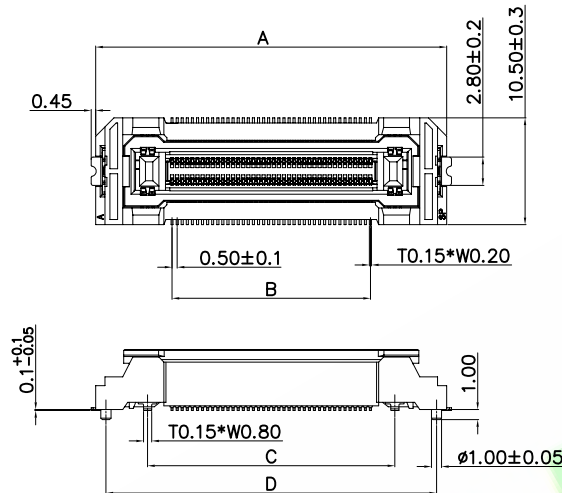
5:— F:Female

6:— MATING HEIGHT

A:8.0mm B:10.0mm C:12.0mm

D:14.0mm E:19.0mm

7:— G:W/O Cap In Tape&Reel

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

FORM 1

MATING HEIGHT	H1	H2	H3
8.0mm	6.00	2.00	8.00
10.0mm		4.00	10.00
12.0mm		6.00	12.00
14.0mm		8.00	14.00
19.0mm		13.00	19.00

FORM 2

No. OF PIN	A	B	C	D
20	19.50	4.50	9.30	17.50
30	22.00	7.00	11.80	20.00
40	24.50	9.50	14.30	22.50
50	27.00	12.00	16.80	25.00
60	29.50	14.50	19.30	27.50
80	34.50	19.50	24.30	32.50
100	39.50	24.50	29.30	37.50
120	44.50	29.50	34.30	42.50

5X				DR.BY.: Judyyan	GENERAL TOLERANCE:	PART NO : BM0500M-XXXF-02-XG	HJBRIGHT® 東莞市華晶電子有限公司	
4X					LINEAR	DWG. NO.:		
3X				CHKD.: Aren	ANGLES	TITLE :	BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED	
2X					X.: ±5.0°	BTB 0.5mm CONNECTOR/F		
1X	ORIGINAL	Judyyan		APPD.: Billy	X.X: ±0.35	DATE: 14-Oct-2022	SHEET: 1/1	THIRD ANGLE PROJECTION
REV.	DESCRIPTION	DR.BY	ECN. NO.		X.XX: ±0.25		SCALE: 1:1	
					X.XXX: ±0.15		UNIT: mm	A4