

Specifications:

Material And Finish:

Insulator:PA9T Color:Black

Contact:Phosphor bronze

Rating:

Current Rating:0.5 Amp

Voltage Rating:50V AC

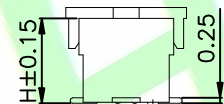
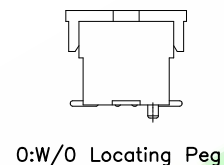
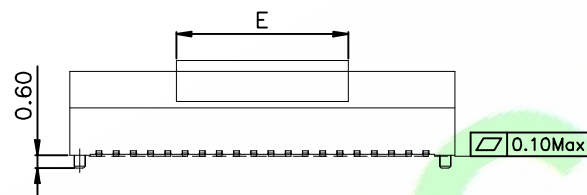
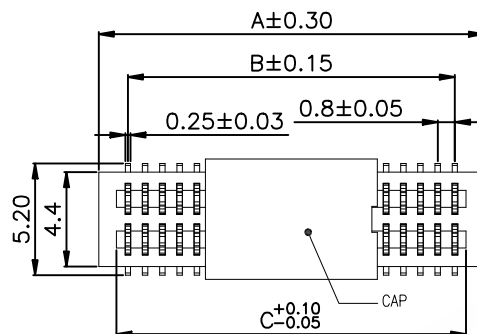
Operating Temperature Range:-40~+105°C

Electrical:

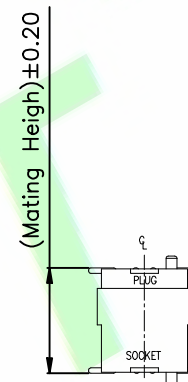
Contact resistance:50m Ohm Max

Insulator resistance:100M ohm min.

Dielectric Voltage:500V AC/Minute



1:With Locating Peg



Mating Height

Straight Height:

MATING HEIGHT	PLUG (H.)	SOCKET (H.)
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5

Ordering Information

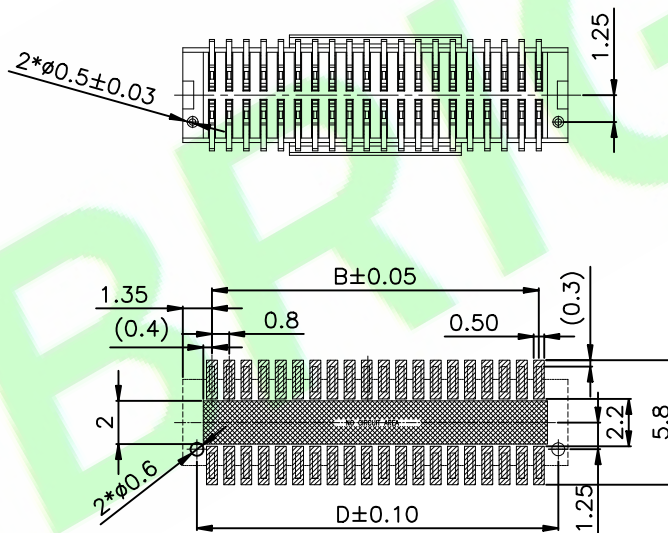
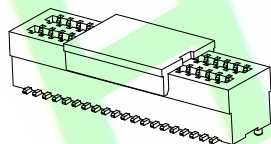
BM0802M-XXAF-XX-XF

1 2 3 4 5 6 7 8

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

- 5:— F:Female
6:— Socket H Size
01:H=3.0
02:H=3.5
03:H=4.0
04:H=4.5

- 7:— 0:W/O Locating Peg
1:With Locating Peg
8:— F:W/Cap In Tape&Reel



RECOMMENDED PCB PATTERN DIM.

NO. of contacts	Dimensions					NO. of contacts	Dimensions				
	A.	B.	C.	D.	E.		A.	B.	C.	D.	E.
4	3.50	0.80	1.86	2.60		54	23.50	20.80	21.86	22.60	
6	4.30	1.60	2.66	3.40		56	24.30	21.60	22.66	23.40	
8	5.10	2.40	3.46	4.20		58	25.10	22.40	23.46	24.20	
10	5.90	3.20	4.26	5.00		60	25.90	23.20	24.26	25.00	
12	6.70	4.00	5.06	5.80		62	26.70	24.00	25.06	25.80	
14	7.50	4.80	5.86	6.60		64	27.50	24.80	25.86	26.60	
16	8.30	5.60	6.66	7.40		66	28.30	25.60	26.66	27.40	
18	9.10	6.40	7.46	8.20		68	29.10	26.40	27.46	28.20	
20	9.90	7.20	8.26	9.00		70	29.90	27.20	28.26	29.00	
22	10.70	8.00	9.06	9.80		72	30.70	28.00	29.06	29.80	
24	11.50	8.80	9.86	10.60		74	31.50	28.80	29.86	30.60	
26	12.30	9.60	10.66	11.40		76	32.30	29.60	30.66	31.40	
28	13.10	10.40	11.46	12.20		78	33.10	30.40	31.46	32.20	
30	13.90	11.20	12.26	13.00		80	33.90	31.20	32.26	33.00	
32	14.70	12.00	13.06	13.80		82	34.70	32.00	33.06	33.80	
34	15.50	12.80	13.86	14.60		84	35.50	32.80	33.86	34.60	
36	16.30	13.60	14.66	15.40		86	36.30	33.60	34.66	35.40	
38	17.10	14.40	15.46	16.20		88	37.10	34.40	35.46	36.20	
40	17.90	15.20	16.26	17.00		90	37.90	35.20	36.26	37.00	
42	18.70	16.00	17.06	17.80		92	38.70	36.00	37.06	37.80	
44	19.50	16.80	17.86	18.60		94	39.50	36.80	37.86	38.60	
46	20.30	17.60	18.66	19.40		96	40.30	37.60	38.66	39.40	
48	21.10	18.40	19.46	20.20		98	41.10	38.40	39.46	40.20	
50	21.90	19.20	20.26	21.00		100(A0)	41.90	39.20	40.26	41.00	
52	22.70	20.00	21.06	21.80							

DR.BY: Judyyyan

CHKD.: May

APPD.: Billy

GENERAL TOLERANCE:

LINEAR

ANGLES

X.: ±0.30 X': ±3.0°

X.X: ±0.25 X.X': ±2.0°

X.XX: ±0.20 X.XX':

X.XXX: ±0.15 X.XXX':

PART NO : BM0802M-XXAF-XX-XF

DWG. NO.:

TITLE :

0.8mm Pitch BTB Socket
Female SMT Type

DATE: 13-Nov-2021

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

1X	ORIGINAL	Judyyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO.