

RoHS Compliant

Specifications:

Material And Finish:

Insulator:PA9T Color:Black
Contact:Phosphor bronze

Rating:

Current Rating:0.5 Amp

Voltage Rating:50V AC

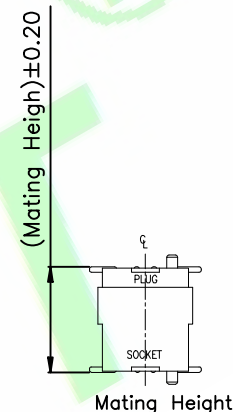
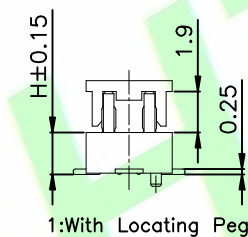
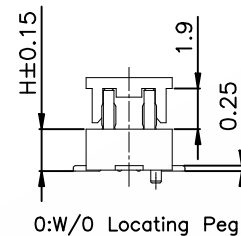
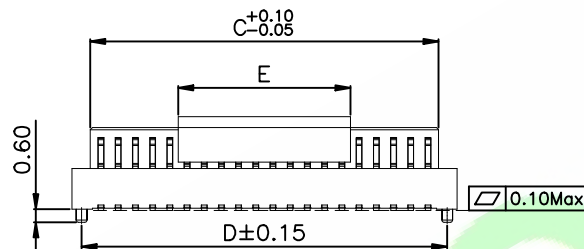
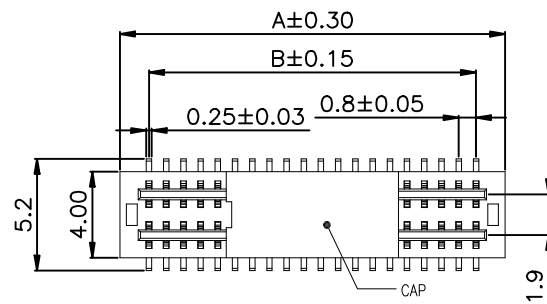
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:50m Ohm Max

Insulator resistance:100M ohm min.

Dielectric Voltage:500V AC/Minute



Straight Height:

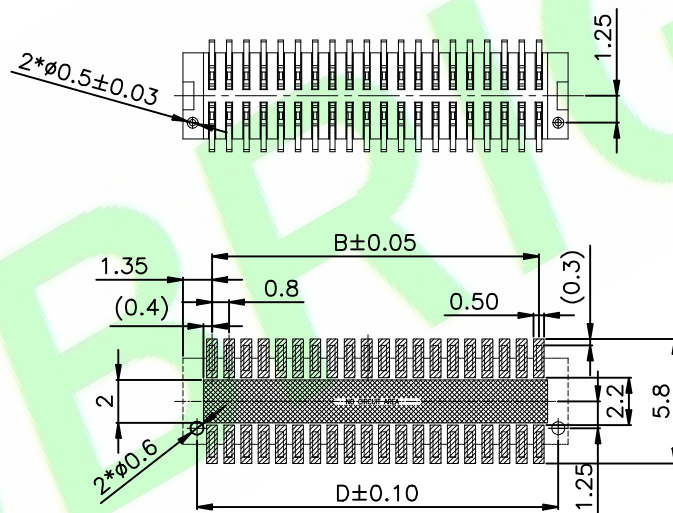
MATING HEIGHT	PLUG (H.)	SOCKET (H.)
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5

Ordering Information

BM0802M-XXAM-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: M:Male
6: Plug H size:
01:H=1.0
02:H=2.0
03:H=4.0
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	1.80	2.60	4.00	54	23.50	20.80	21.80	22.60	8.00
6	4.30	1.60	2.60	3.40		56	24.30	21.60	22.60	23.40	
8	5.10	2.40	3.40	4.20		58	25.10	22.40	23.40	24.20	
10	5.90	3.20	4.20	5.00		60	25.90	23.20	24.20	25.00	
12	6.70	4.00	5.00	5.80		62	26.70	24.00	25.00	25.80	
14	7.50	4.80	5.80	6.60		64	27.50	24.80	25.80	26.60	
16	8.30	5.60	6.60	7.40		66	28.30	25.60	26.60	27.40	
18	9.10	6.40	7.40	8.20		68	29.10	26.40	27.40	28.20	
20	9.90	7.20	8.20	9.00		70	29.90	27.20	28.20	29.00	
22	10.70	8.00	9.00	9.80		72	30.70	28.00	29.00	29.80	
24	11.50	8.80	9.80	10.60		74	31.50	28.80	29.80	30.60	
26	12.30	9.60	10.60	11.40	8.00	76	32.30	29.60	30.60	31.40	
28	13.10	10.40	11.40	12.20		78	33.10	30.40	31.40	32.20	
30	13.90	11.20	12.20	13.00		80	33.90	31.20	32.20	33.00	
32	14.70	12.00	13.00	13.80		82	34.70	32.00	33.00	33.80	
34	15.50	12.80	13.80	14.60		84	35.50	32.80	33.80	34.60	
36	16.30	13.60	14.60	15.40		86	36.30	33.60	34.60	35.40	
38	17.10	14.40	15.40	16.20		88	37.10	34.40	35.40	36.20	
40	17.90	15.20	16.20	17.00		90	37.90	35.20	36.20	37.00	
42	18.70	16.00	17.00	17.80		92	38.70	36.00	37.00	37.80	
44	19.50	16.80	17.80	18.60		94	39.50	36.80	37.80	38.60	
46	20.30	17.60	18.60	19.40		96	40.30	37.60	38.60	39.40	
48	21.10	18.40	19.40	20.20		98	41.10	38.40	39.40	40.20	
50	21.90	19.20	20.20	21.00		100(A0)	41.90	39.20	40.20	41.00	
52	22.70	20.00	21.00	21.80							

DR.BY.:

Judyyan

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-XXAM-XX-XF

DWG. NO.:

TITLE :

0.8mm Pitch BTB Plug Male SMT Type

DATE: 13-Nov-2021

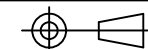
HJBRIGHT® 东莞市華晶電子有限公司

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4

1X

ORIGINAL

Judyyan

REV.

DESCRIPTION

DR.BY

ECN. NO.

1

2

3

4

5

6

7

8