

RoHS Compliant

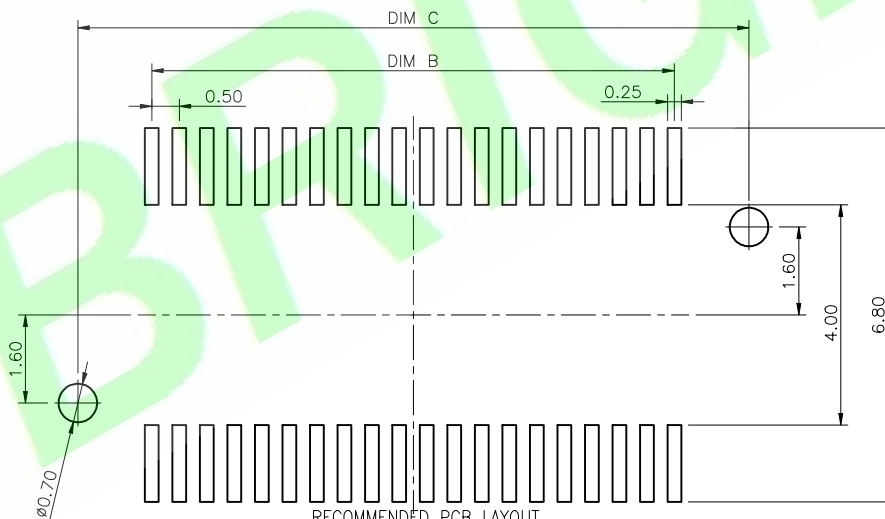
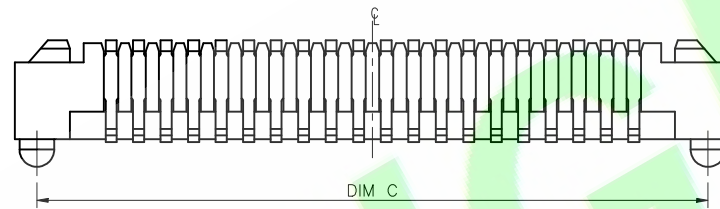
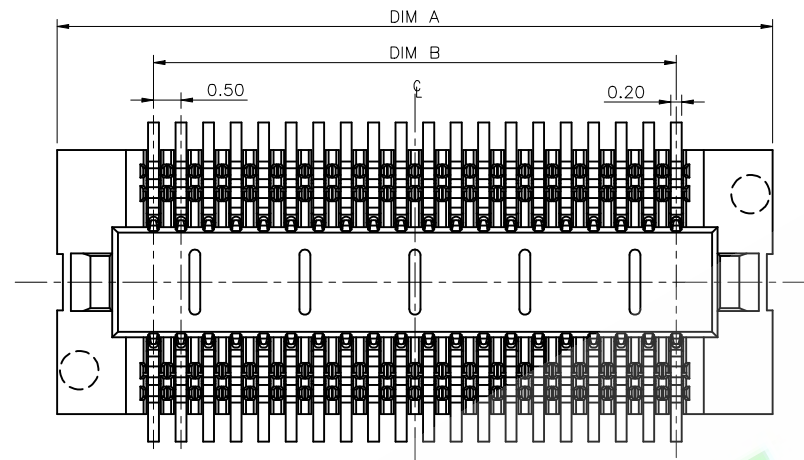
Specifications:
Material And Finish:
Insulator:LCP UL94V-0
Color:Natural/Black
Signal:Phosphor Bronze

Rating:
Current Rating:0.5A AC(rms)/DC
Voltage Rating:60V AC(rms)/DC
Operating Temperature Range:-55°~+125°C

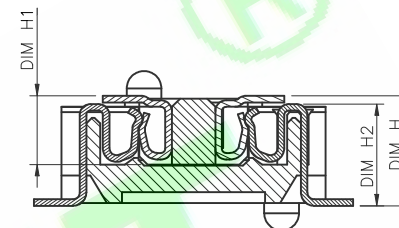
Electrical:
Contact resistance:90m Ohm Max
Insulator resistance:1000M Ohm Min
Dielectric Voltage:150V AC/Minute

Ordering Information
BM0500M-XXAF-XX-XXG
1 2 3 4 5 6 7 8 9

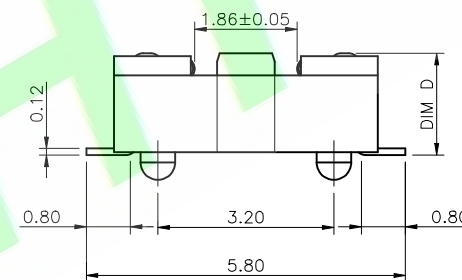
- 1:—Series No.
2:—M:SMT Type
3:—No. of Positions
4:—A:Gold flash
5:—F:Female
6:—01:DIM D 1.35
02:DIM D 1.85
7:—0:Without Peg
1:With Peg
8:—N:Natural
B:Black
9:—G:W/O Cap In Tape&Reel



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



Assembly Male:
BM0500M-XXAM-XX-XXG



PIN	DIM A	DIM B	DIM C
10P	5.50	2.00	4.70
12P	6.00	2.50	5.20
14P	6.50	3.00	5.70
16P	7.00	3.50	6.20
20P	8.00	4.50	7.20
22P	8.50	5.00	7.70
24P	9.00	5.50	8.20
30P	10.50	7.00	9.70
34P	11.50	8.00	10.70
36P	12.00	8.50	11.20
40P	13.00	9.50	12.20
50P	15.50	12.00	14.70
60P	18.00	14.50	17.20
70P	20.50	17.00	19.70
80P	23.00	19.50	22.20
100P	28.00	24.50	27.20

DIM H	DIM H1	DIM H2
1.50	1.25	1.35
2.00	1.25	1.85
2.50	1.75	1.85

DR.BY.:
Judyyan

CHKD.:
Aren

APPD.:
Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±5.0°	X.X: ±0.35
X.X: ±3.0°	X.XX: ±0.25
X.XX: ±2.0°	X.XXX: ±0.15
X.XXX: ±1.0°	

PART NO : BM0500M-XXAF-XX-XXG

DWG. NO.:

TITLE :

BTB 0.5mm Pitch Connector Female

DATE: 19-Nov-2024

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

1	2	3
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