

Specifications:
Material And Finish:
Insulator:High temperature plastic material UL94V-0
Color:Black
Signal:Copper alloy
Plated: gold plating
Power:Copper alloy
Plated:Contacted part gold plating;
Solder part Pure tin plating

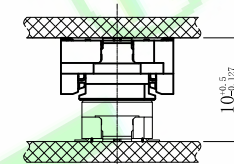
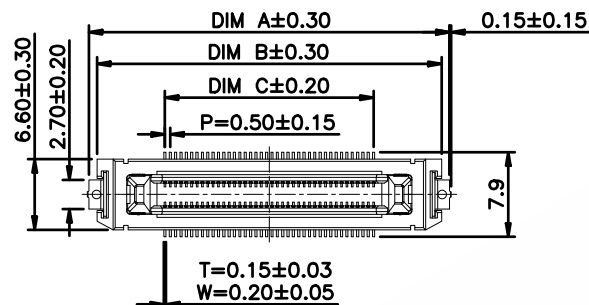
Rating:
Current Rating:
Signal:0.5A/PIN Power:3A/PIN
Voltage Rating:
Signal:50V DC Power:200V DC
Operating Temperature Range:-55°~+105°C

Electrical:
Contact resistance:
Signal 70m Ohm Max
Power 20m Ohm Max
Insulator resistance:1000M Ohm min.
Signal 100M Ohm Max
Power 1000M Ohm Max

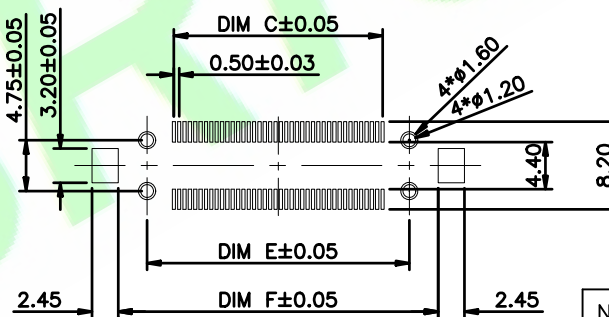
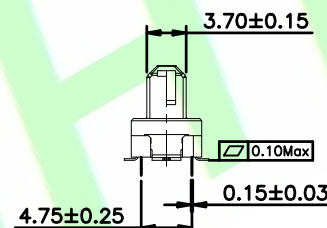
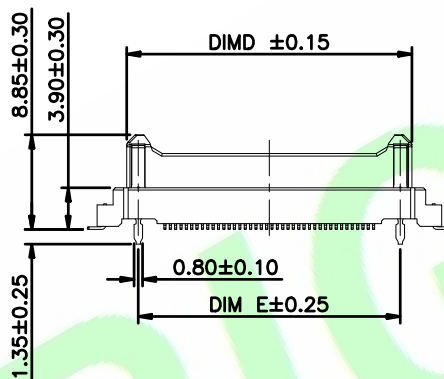
Dielectric Voltage:600V AC/Minute
Signal:150V AC/Minute
Power:600V AC/Minute

Ordering Information
BM0501M-XXHM-01-AG
1 2 3 4 5 6 7

- 1:—Series No.
2:—M:SMT Type
3:—No. of Positions
4:—H:Gold flash on contact;Matte Tin on tail
5:—M:Male
6:—MATING HEIGHT
A:10mm
7:—G:W/O Cap In Tape&Reel



MATING HEIGHT:10mm



APPLICABLE P.C.B LAYOUT(REF.)
THICKNESS T=1.6mm

No. OF PIN	A	B	C	D	E	F
60	28.7	27.2	14.5	21.65	19.5	24.9
80	33.7	32.2	19.5	26.65	24.5	29.9
120	43.7	42.2	29.5	36.65	34.5	39.9

5X			
4X			
3X			
2X			
1X	ORIGINAL	Judyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.:
Judyyan
CHKD.:
Aren
APPD.:
Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
X: ±0.35	X°: ±5.0°
X.X: ±0.25	X.X°: ±3.0°
X.XX: ±0.15	X.XX°: ±2.0°
X.XXX: ±0.10	X.XXX°: ±1.0°

PART NO : BM0501M-XXHM-01-AG

DWG. NO.:

TITLE : BTB 0.5mm CONNECTOR Male
MATING HEIGHT 10mm

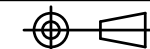
DATE: 22-Nov-2022

HJBRIGHT® 東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