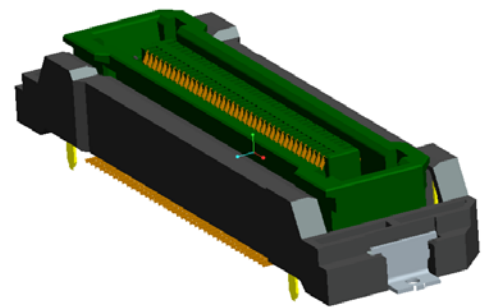
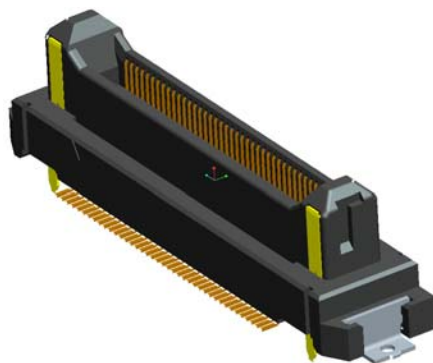
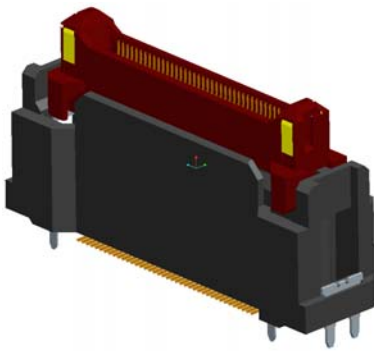


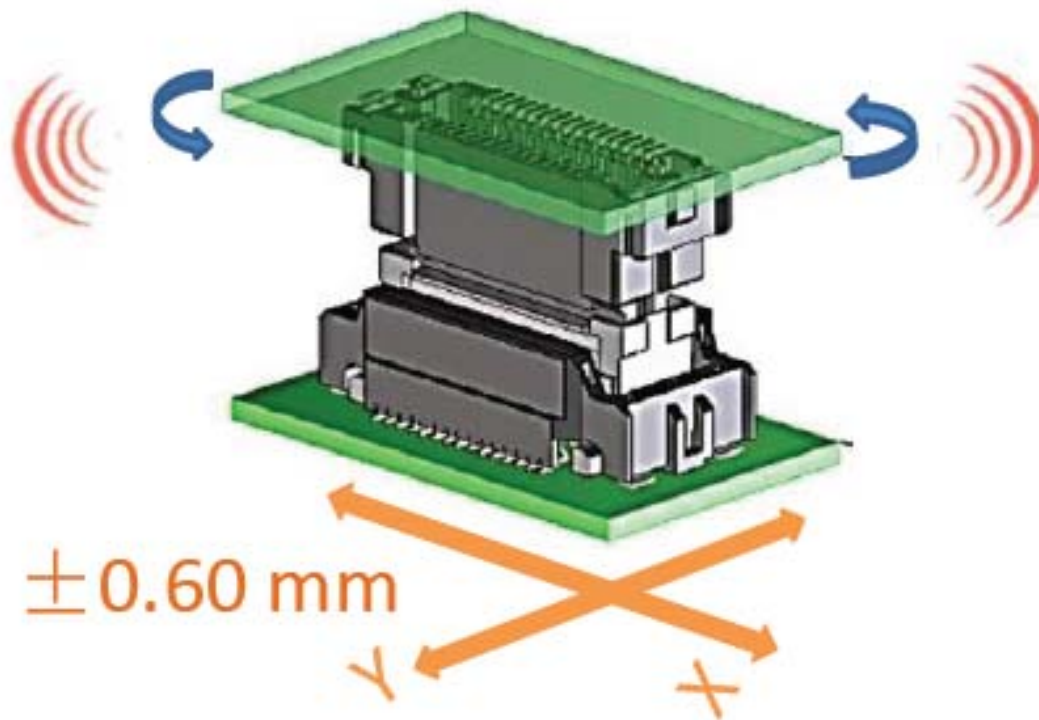
HJBRIGHT[®]

Floating BTB Connector with 0.15mm Size Terminal

0.5mm Pitch Connectors



HJBRIGHT®



Professional connector and wiring harness manufacturer

东莞市华晶电子有限公司

地址: 广东省东莞市常平镇黄泥塘禾石路1号3栋

DDR: Building 3, No. 1 Heshi Road, Huangnitang, Changping Town, Dongguan, Guangdong

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

DDR: Rm. 1105, Lippo Centre Tower 1, 89 Queensway, Admiralty, Hong Kong.

地址: 香港金钟道89号力宝中心第一座11楼1105室

E-mail: billy@hjbright.com

PHONE: 18819764786

TEL: 0769-81089582

FAX: 0769-81089581

0.50mm Pitch BTB Female Connector

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:

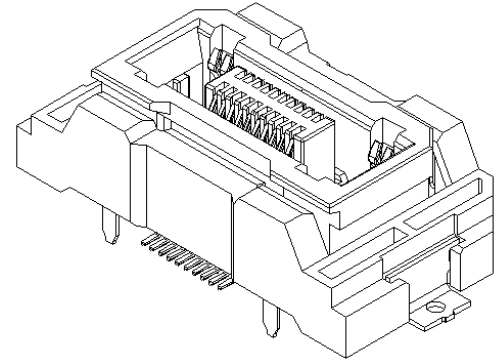
Signal 100M Ohm Max

Power 1000M Ohm Max

Dielectric Voltage:

Signal:150V AC/Minute

Power:600V AC/Minute



Ordering Information

BM05Q1M-XXHF-01-G

1 2 3 4 5 6

1:—Series No.

2:—M:SMT Type

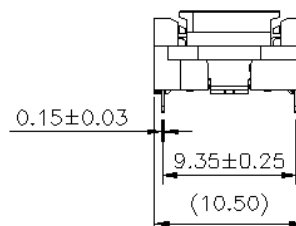
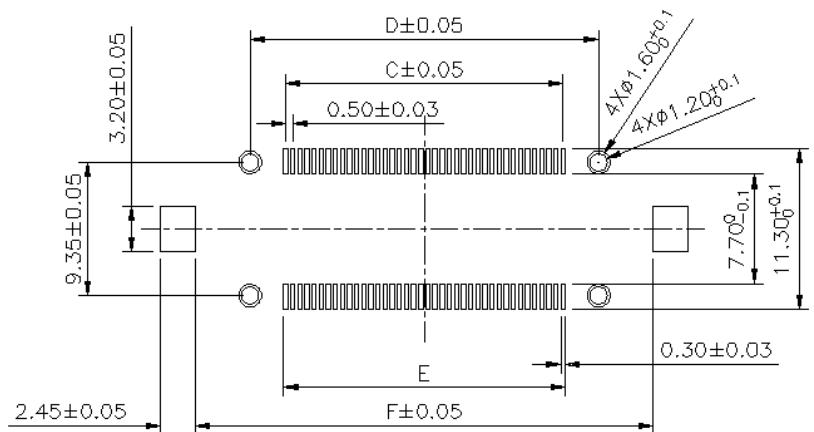
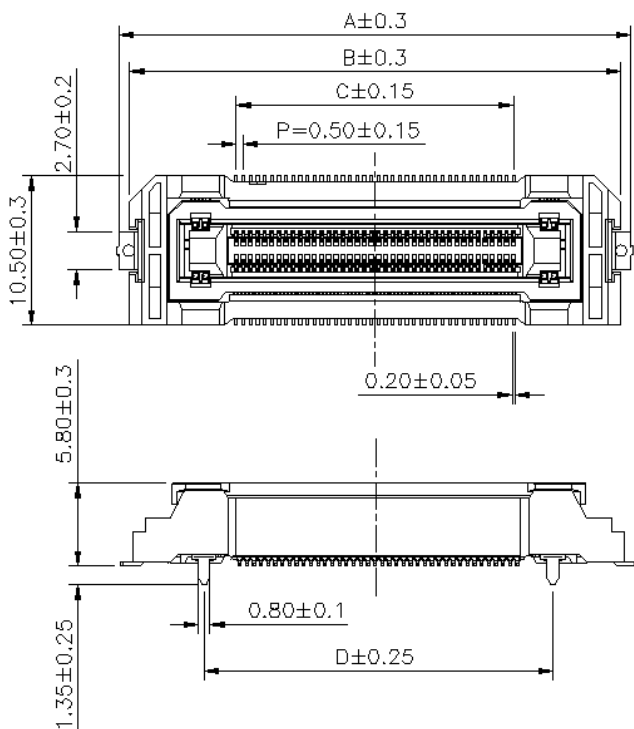
3:—No. of Positions

4:—H:Gold flash on contact;Matte Tin on tail

5:—F:Female

6:—G:W/O Cap In Tape&Reel

No. OF PIN	A	B	C	D	E	F
60	31.0	29.5	14.5	19.5	14.8	27.2
80	36.0	34.5	19.5	24.5	19.8	32.2
120	46.0	44.5	29.5	34.5	29.8	42.2



0.50mm Pitch BTB Male Connector

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

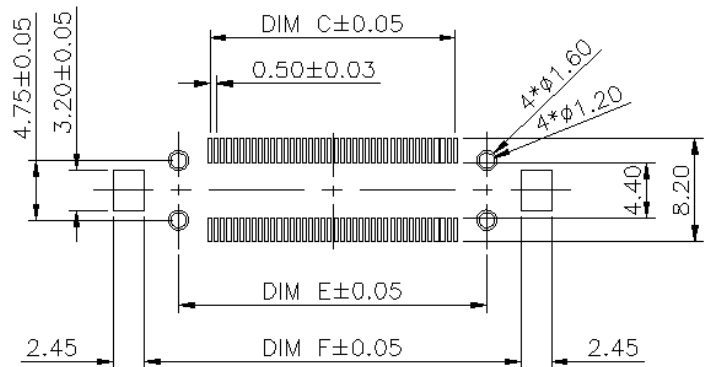
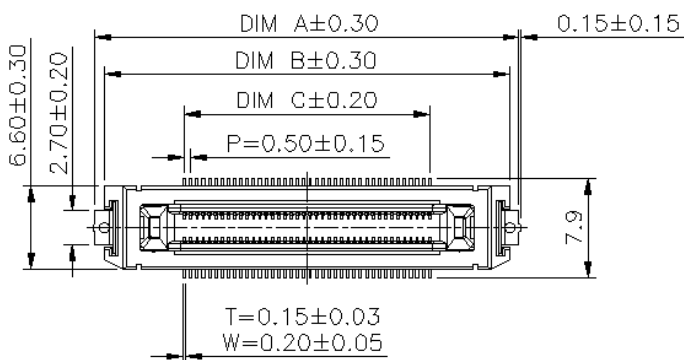
Rating:
 Current Rating:
 Signal:0.5A/PIN Power:3A/PIN
 Voltage Rating:
 Signal:50V DC Power:200V DC
 Operating Temperature Range:-55'~+105'C

Electrical:
 Contact resistance:
 Signal 70m Ohm Max
 Power 20m Ohm Max
 Insulator resistance:
 Signal 100M Ohm Max
 Power 1000M Ohm Max
 Dielectric Voltage:
 Signal:150V AC/Minute
 Power:600V AC/Minute

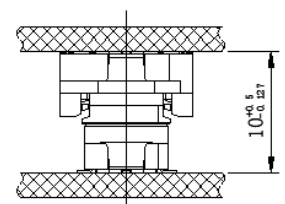
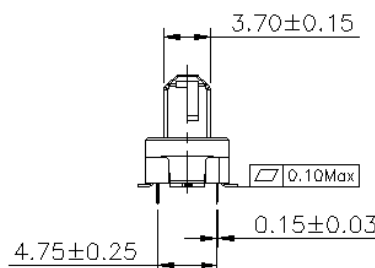
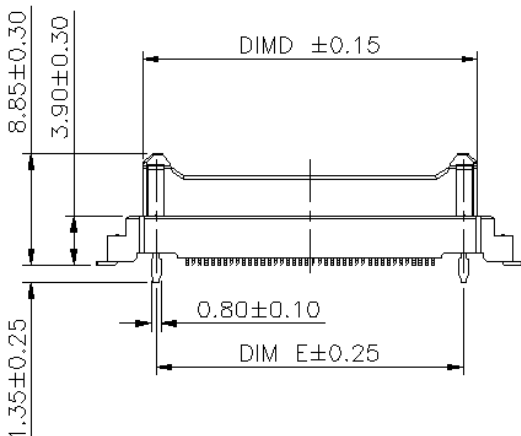
Ordering Information
 BM05Q1M-XXHM-01-AG
 1 2 3 4 5 6 7

- 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

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



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



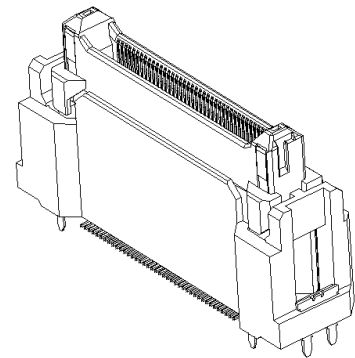
MATING HEIGHT:10mm

0.50mm Pitch BTB Male Connector (H)

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:
 Signal 100M Ohm Max
 Power 1000M Ohm Max
 Dielectric Voltage:
 Signal:150V AC/Minute
 Power:600V AC/Minute

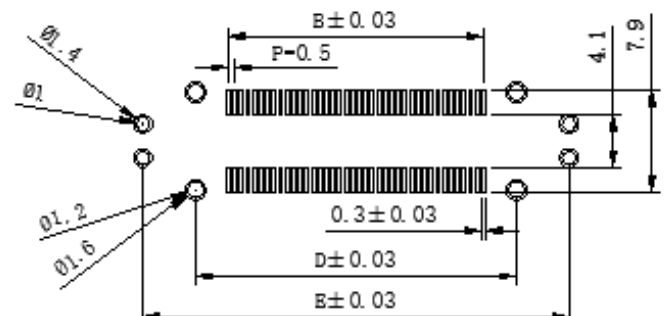
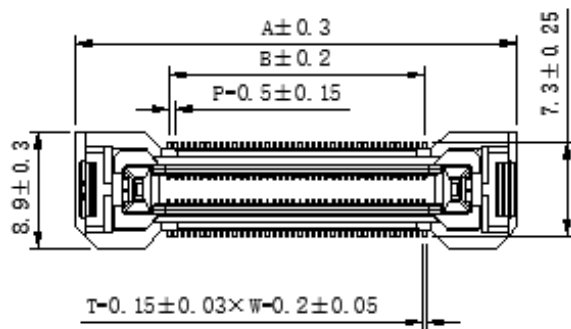


Ordering Information

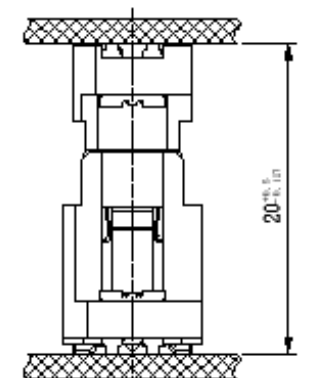
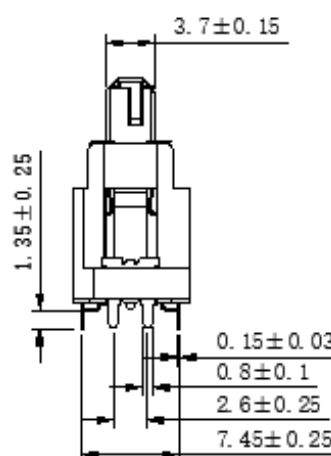
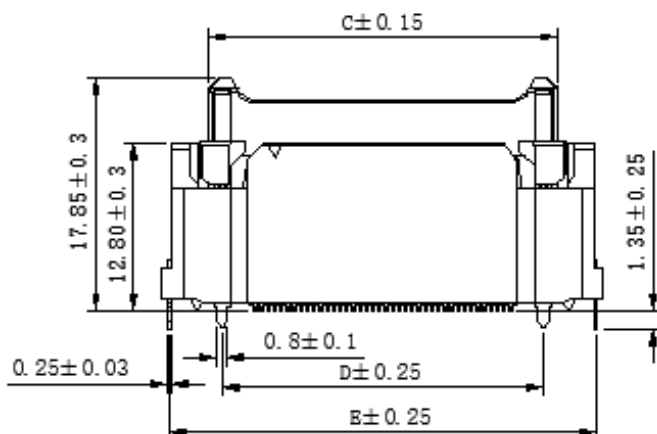
BM05Q1M-XXHM-01-BG
 1 2 3 4 5 6 7

- 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
B:20mm
- 7:—G:W/O Cap In Tape&Reel

No. OF PIN	A	B	C	D	E
60	28.7	14.5	21.65	19.5	27.5
80	33.7	19.5	26.65	24.5	32.5
120	43.7	29.5	36.65	34.5	42.5



APPLICABLE P.C.B LAYOUT(REF.)



MATING HEIGHT:20mm