

RoHS Compliant

Specifications:

Material And Finish:

Insulator:Nylon 9T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

Rating:

Current Rating:5.0 Amp

Voltage Rating:30V AC/DC

Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:30m Ohm Max

Insulator resistance:100M ohm min.

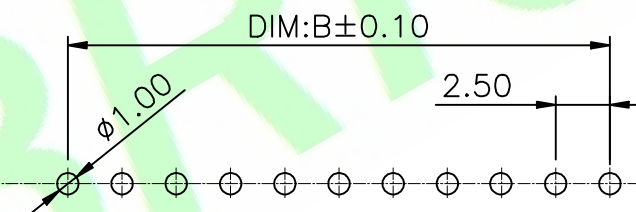
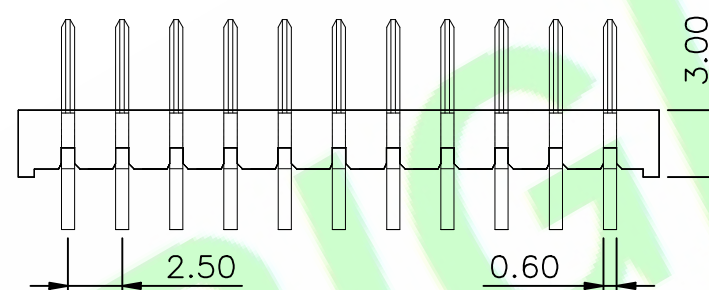
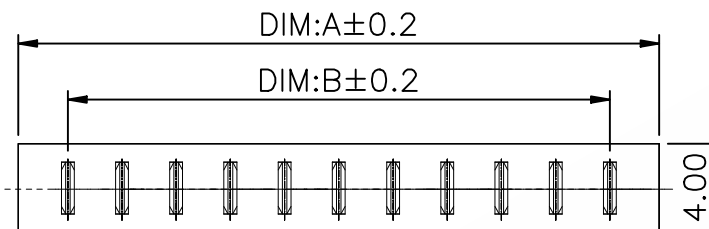
Withstanding Voltage:500V AC/Minute

Ordering Information

BC250MS-XXA-XX-B

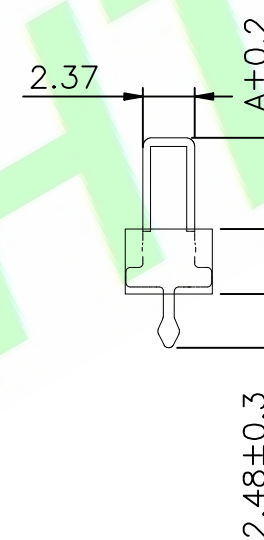
1 23 45 6 7

- 1: — Series No.
2: — M:Male
3: — S:Straight Type
4: — No. of Positions
5: — A:Gold Flash
6: — Contact height: A Size
01=4.2mm
02=5.8mm
03=7.0mm
04=8.5mm
05=9.5mm
7: — B:In Tube



Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm



No. of Pins	Dimension	
	DIM.B	DIM.A
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50
16	37.50	42.00

DR.BY.: Bruce	GENERAL TOLERANCE:		PART NO : BC250MS-XXA-XX-B
CHKD.: Tony	LINEAR	ANGLES	DWG. NO.:
	x.: ±0.20	x': ±3.0°	TITLE : Battery 2.50pitch vertical male connectors
	x.x: ±0.10	x.x': ±3.0°	
	x.xx: ±0.05	x.xxx: ±3.0°	
APPD.: Billy	DATE: 10-Oct-2017		

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

3X	Update electrical performance parameters	Bin	20250604
2X	Update code options	Judyyan	20250312
1X	ORIGINAL	Bruce	
REV.	DESCRIPTION	DR.BY	ECN. NO