

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

BC250R-XXAM-XX-B-E1

1 2 3 4 5 6 7 8

1: — Series No.

2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

5: — M:Male

6: — Contact height: A Size

01=4.2mm

02=5.8mm

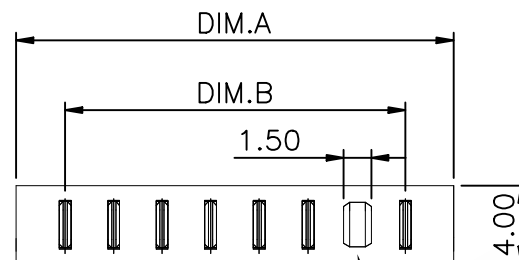
03=7.0mm

04=8.5mm

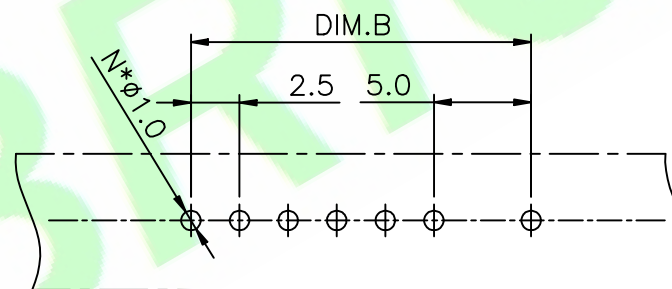
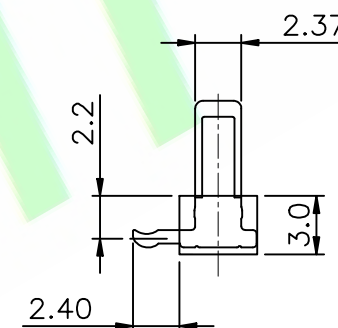
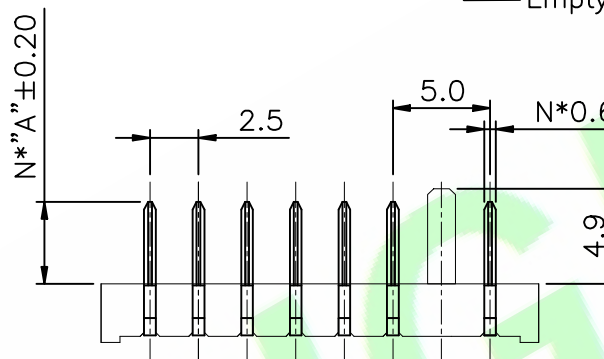
05=9.5mm

7: — B:In Tube

8: — E1:Empty 1PIN



Empty Pin



RECOMMENDED PCB LAYOUT

T=1.2MM,TOLERANCES±0.05MM

No. of Pins	Dimension	
	DIM.B	DIM.A
03	7.50	12.50
04	10.00	15.00
05	12.50	17.50
06	15.00	20.00
07	17.50	22.50
08	20.00	25.00
09	22.50	27.50
10	25.00	30.00

DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : BC250R-XXAM-XX-B-E1
	LINEAR	ANGLES	
CHKD.: Tony	X:	X': ±3.0°	DWG. NO.:
	X.X: ±0.20	X.X': ±3.0°	
APPD.: Billy	X.XX: ±0.15	X.XX': ±3.0°	TITLE : Battery 2.50pitch R/A Male connectors
	X.XXX: ±0.10	X.XXX': ±3.0°	
			DATE: 7-Jul-2024

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

1X	ORIGINAL	Judyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO