

RoHS Compliant

Specifications:

Material And Finish:  
 Insulator:Nylon 9T UL94V-0  
 Color:Black  
 Contact:Phosphor Bronze  
 Plating:See Ordering information

Rating:

Current Rating:10 Amp  
 Voltage Rating:30V  
 Operating Temperature Range:-40~+125°C

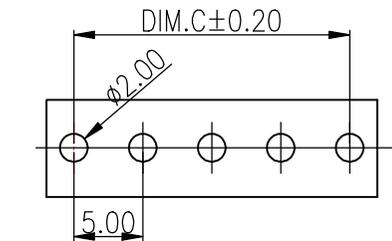
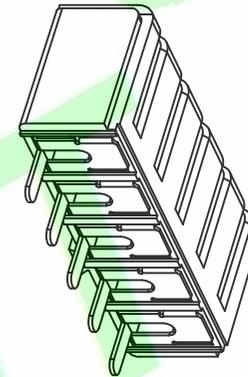
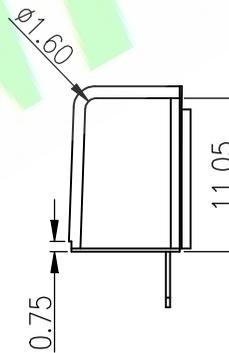
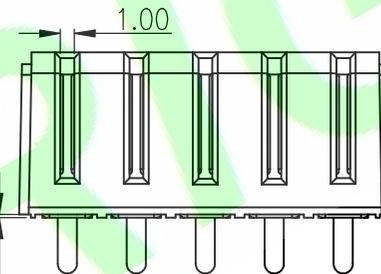
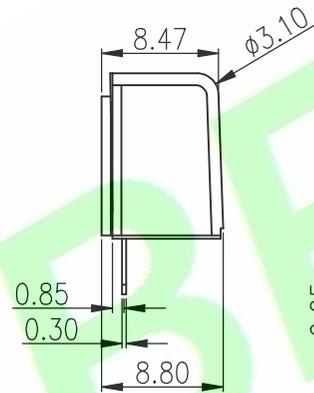
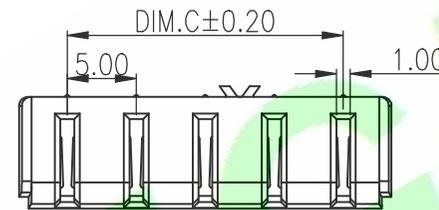
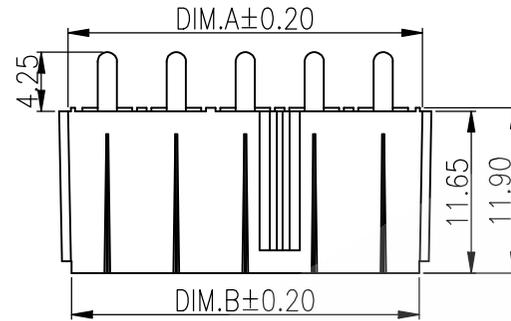
Electrical:

Contact resistance:30m Ohm Max  
 Insulator resistance:1000M ohm min.  
 Withstanding Voltage:500V AC/Minute

Ordering Information

BC500S-XXXF-01-X  
 1 2 3 4 5 6

- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
Q:Tin Plated
- 5: — F: Female
- 6: — A:In Bag  
B:In Tube



RECOMMENDED P.C. BOARD LAYOUT

PIN	Dim.A	Dim.B	Dim.C
2pin	10.70	10.20	5.00
3pin	15.70	15.20	10.00
4pin	20.70	20.20	15.00
5pin	25.70	25.20	20.00

DR.BY.: Samson	GENERAL TOLERANCE:		PART NO : BC500S-XXXF-01-X
CHKD.: Tony	LINEAR	ANGLES	DWG. NO.:
APPD.: Billy	X.: ±0.20	X': ±5.0°	TITLE :
	X.X: ±0.15	X.X': ±3.0°	Battery 5.0 pitch vertical female connectors
	X.XX: ±0.10	X.XX': ±2.0°	DATE: 16-Mar-2024
	X.XXX: ±0.10	X.XXX': ±1.0°	

**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	Samson	
REV.	DESCRIPTION	DR.BY	ECN. NO.
1			