

CUSTOMER DRAWING



The Order P/N:
BC-XXXXY-03-02

XXXX	DIM A	DIM B
4560	4.50	6.00
4054	4.00	5.40
3550	3.50	5.00

NOTES:

- MATERIAL:
 - PIN: ALLOY COPPER
 - INSULATOR: HIGH TEMPERATURE THERMOPLASTICS, UL94V-0, BLACK.
- FINISH:

50-100 MICROINCH (1.27-2.54 MICRON) NICKEL UNDERPLATED ALL OVER,
15 MICROINCH (0.38 MICRON) GOLD PLATED AT MATING AREA,
Gold flash PLATED AT SOLDER TAIL
- ELECTRICAL SPECIFICATIONS:

VOLTAGE RATING: 250 VAC MIN
CURRENT RATING: 2.0 A MIN
DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE MIN
INSULATION RESISTANCE: 500 MEG OHM MIN
CONTACT RESISTANCE: 30 MILLIOHM MAX
OPERATION TEMPERATURE: -55i± to +125i±
PRODUCT WITHSTANDING REFLOW SOLDERING 245i± FOR 10S
- MECHANICAL SPECIFICATIONS:
 - DURABILITY: 5,000 CYCLES
 - NORMAL FORCE AT WORKING POSITION: 80g MIN.
- PARTS TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL FOR AUTOMATIC PLACEMENT. ALL PACKAGING MATERIALS TO BE APPROVED BY AMPHENOL ENGINEERING.
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN002.

SECTION A-A

RECOMMENDED PCB LAYOUT

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN	YB.WANG
.X +/-	0.25	CHECKED	DB.GAO
.XX +/-	0.15	CHECKED	3/28/06
.XXX +/-			
FRACTIONS +/-	0.5"		
ANGLES +/-			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : DRAWING\BC\C BC-XXXXY-03-02	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
(METRIC)	(MM)		

Amphenol		
TITLE		
3 PIN BATTERY CONNECTOR (VERTICAL)		
SIZE	DRAWING NO.	REV.
A3	C BC-XXXXY-03-02	B
SCALE	NONE	SHEET 1 OF 1