



RECOMMENDED PCB LAYOUT

**ELECTRICAL:**

VOLTAGE RATING: DC 3V, 120 mA  
 CONTACT RESISTANCE: 30 mohm Max.  
 INSULATION RESISTANCE: 100Mohm Min. at 500VDC  
 VOLTAGE DURABILITY: 600VDC FOR 1 MIN.

**CONTACTS:**

CONTACT: PHOSPHOR BRONZE, TIN or GOLD PLATED

**MATERIAL:**

HOUSING: LCP

**MECHANICAL:**

INSERTION FORCE: 0.3Kg~1.0Kg  
 SPRING PRESSURE: 50G Min.

TERMINAL STRENGTH: ELECTRICAL AND MECHANICAL PERFORMANCE SPECIFICATIONS SHOULD STILL BE SATISFIED WITHOUT TERMINAL CRACKING OR EXCESSIVE PLAY, WITH A STATIC LOAD OF 1Kg APPLIED TO THE TERMINALS IN ANY DIRECTION. HOWEVER THE TERMINAL MAY BEND

**HOW TO ORDER:**

**B H 0 0 - 5 1 0 0 - 0 X X - Z**

**STYLE:** 5 - Horizontal Semi body Surface Mount (Slim Style)

**BATTERY DIAMETER:** 1 - 20mm

**PLATING:** 0 - Tin, 1 - 3u" Au, 2 - 5u" Au, 3 - 10u" Au

**PACKAGING:** 0 - Tray, 1 - Tape & Reel

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	D.H.	S.M.	S.M.	07/13/04
A	B.S.	S.M.	S.M.	12/15/06
B	B.S.	S.M.	S.M.	07/21/13

**SMP TECHNOLOGY, INC.**

Battery Holder, Horizontal, Thru Hole PC Mount, Surface Mount For 20.0mm Battery, Slim Style

SCALE:n/a

TOL. DEC. .X +/- 0.2 .XX +/- .XXX +/- ANGLE +/- UNIT: mm

P/N: BH00-5100-00X-Z