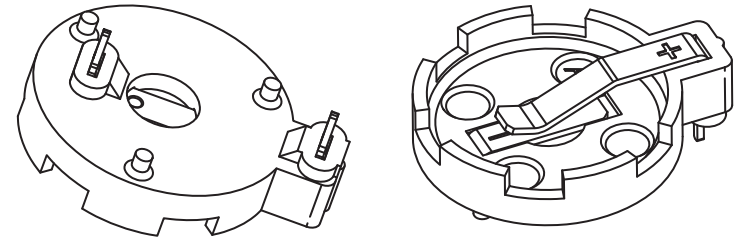
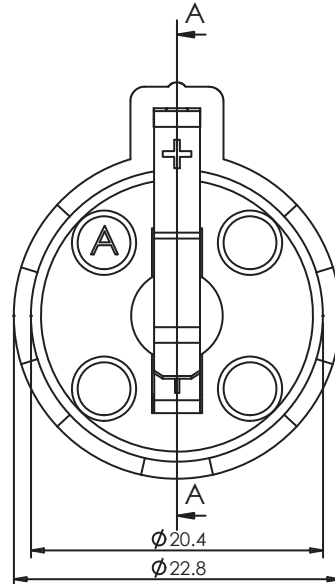
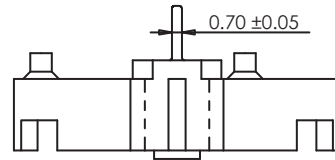
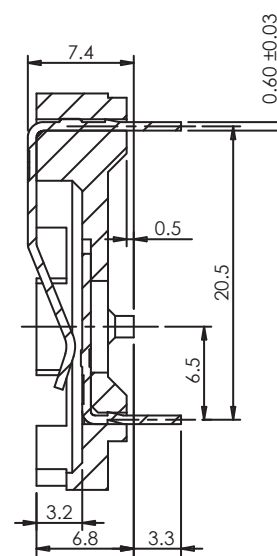


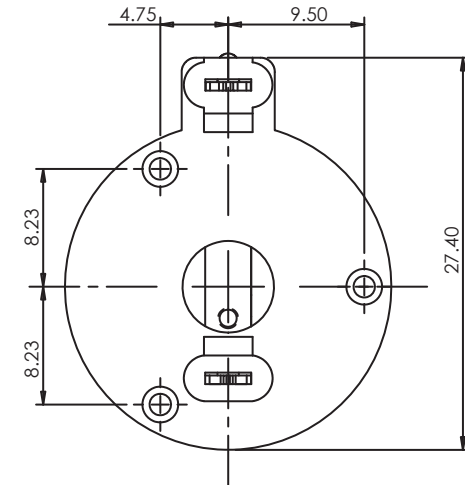
Recommended P.C.B. Layout



Isometric View



Section A - A



**ELECTRICAL:**

VOLTAGE RATING: DC 3V, 120 mA  
 INTER-CONTACT RESISTANCE:  
 100mW Max. at 1KHz w/LOW DRAINAGE  
 (100mA MAX.)  
 INSULATION RESISTANCE: 100mW Min. at 500VDC  
 VOLTAGE DURABILITY: 600VDC FOR 1 MIN.

**CONTACTS:**

NEGATIVE CONTACT: BRASS, NICKEL PLATED  
 POSITIVE CONTACT: PHOSPHOR BRONZE, NICKEL PLATED

**MATERIAL:**

HOUSING: NYLON

**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 - 2

1 0 0 - 0 0

0 - Z

**STYLE:**  
 2 - Horizontal Thru Hole  
 Rigid Bottom Housing

**BATTERY DIAMETER**  
 1 - 20mm

**PACKAGING**  
 0 - Tray

**RoHS  
 COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	09/11/03
A	MDH	S.M.	S.M.	07/13/04
B	B.S.	S.M.	S.M.	11/29/06
C	B.S.	S.M.	S.M.	07/06/16

SCALE:n/a

**SMP TECHNOLOGY, INC.**

Battery Holder, Horizontal, Thru Hole, P.C. Mount For 20.0mm  
 Diameter Battery, Rigid Bottom

TOL. DEC. .X +/- 0.2 .XX +/- 0.1 .XXX +/- ANGLE +/- 3° UNIT: mm

P/N: BH00-2100-000-Z