

#### ELECTRICAL PERFORMANCE :

1. RATING : DC 3V , 120mA.
2. INTER-CONTACT RESISTANCE : 100m OHM MAX.  
AT BOTH THE POSITIVE AND NEGATIVE TERMINALS  
WHEN MEASURED BETWEEN THE TERMINALS OF THE  
CR2032 AT 1KHz WITH LOW DRAINAGE (100mA MAX.)
3. INSULATION RESISTANCE : 100M OHM MIN. WITH DC  
500V APPLIED BETWEEN THE POSITIVE AND NEGATIVE  
TERMINALS.
4. VOLTAGE DURABILITY : NO DEGRADATION WITH DC  
500V APPLIED FOR ONE MINUTE BETWEEN THE POSITIVE  
AND NEGATIVE TERMINALS.

#### MECHANICAL PERFORMANCE :

1. BATTERY INSERTION FORCE : 0.3KG-1.0KG FOR THE  
INITIAL CR2032 BATTERY INSERTION.
2. SPRING PRESSURE : 50G MIN. INITIAL CONTACT FORCE  
AT POSITIVE AND NEGATIVE TERMINALS.
3. 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 .

#### P.C.B. HOLE PATTERN

Unless other specified, tolerance is  $\pm 0.2\text{mm}$

3.	NEGATIVE CONTACT	1	BRASS	NICKEL PLATED	
2.	POSITIVE CONTACT	1	PHOSPHOR BRONZE	NICKEL PLATED	
1.	HOUSING	1	NYLON		UL94V-0
P/N	PART NAME	Q'TY	MATERIAL	PLATING	REMARKS

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

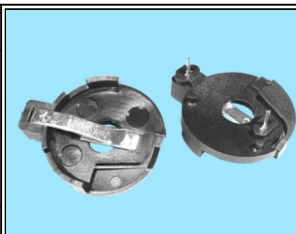
DATE

SIZE A4

TOLERANCES ARE

X.  $\pm$   
.X  $\pm$   
.XX  $\pm$   
.XXX  $\pm$   
ANG  $\pm$

PPOJECTION



#### ORDER INFORMATION

BTH-D68-20-LF  
SERIES | LEADFREE  
FOR CR2032  
HIGH 6.8mm  
DIP 180°

DESCRIPTION: