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APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/11/16	

Technical drawings of a battery holder PCB thru hole component. The drawings include a side view, a top view, and a recommended PCB layout. Dimensions are provided in inches and millimeters.

Side View Dimensions:

- Total length: 1.124 [28.55]
- Top contact width: .100 [2.54]
- Top contact thickness: .029 [0.73]
- Top contact offset: .050 [1.27]
- Top contact diameter:  $\phi$ .039 [1.00]
- Top contact height: .630 [16.00]
- Bottom contact width: .204 [5.18]
- Bottom contact height: .274 [6.95]
- Bottom contact diameter:  $\phi$ .787 [20.00]

Top View Dimensions:

- Total width: 1.055 [26.80]
- Left contact width: .183 [4.65]
- Left contact offset: .142 [3.60]
- Right contact width: .346 [8.78]
- Right contact offset: .006 [0.15]
- Right contact diameter:  $\phi$ .100 [2.54]
- Bottom contact width: .528 [13.40]

Recommended PCB Layout Dimensions:

- Total width: 1.055 [26.80]
- Left contact diameter:  $\phi$ .039 [1.00]
- Right contact diameter:  $\phi$ .100 [2.54]
- Bottom contact width: .528 [13.40]

RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Housing: Hi-Temp Thermoplastic (LCP), rated UL94V-0, Color: White

Contact: Phosphor Bronze, Tin plated

Electrical:

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric Voltage: 500 VAC one sec level

Temperature Rating:

Operating temperature: -25°C to +85°C.

Environmental:

Lead free, RoHS compliant

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS ARE INCHES [MM]  
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	$\phi$ .X	± .10
.XX	± .020	$\phi$ .XX	± .015
.XXX	± .015	$\phi$ .XXX	± .010

**ADAM TECH**

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TITLE  
**BATTERY HOLDER, PCB THRU HOLE  
FOR CR2032, WHITE COLOR**

APPROVALS		DATE
DRAWN	HR	8/11/16
CHECKED	LW	8/11/16
APPROVED		

SIZE	PART NO.	REV.
X	BH-49C-1	-

REF: S00136C SCALE: NTS SHEET 1 OF 1

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