

6 5 4 3 2 1

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

Rev	AWO #	Description	Date	Appr
-		RELEASED	3/17/20	

Technical drawings of a battery holder. The top view shows a circular component with a diameter of  $\phi 14.70$  and a width of 16.20. A dimension of 3.20 is shown for a specific feature. The side view shows a height of 7.75. The bottom view shows a diameter of 11.10 and a distance of 0.800 from the center to a feature. The recommended PCB layout shows a circular footprint with a diameter of 11.10 and three mounting holes of  $\phi 0.95$  spaced at 60 degrees. Two other holes of  $\phi 1.00$  are also indicated. Other dimensions include 5.50, 3.90, 4.80, and 1.30.

**SPECIFICATIONS:**  
 Material:  
 Housing: PBT, rated UL94V-0, Color: Black  
 Contact: Phosphor Bronze, Nickel plated  
 Electrical:  
 Contact resistance: 30 Milliohms max  
 Insulation resistance: 1,000 Megaohms ohms min  
 Dielectric Voltage: 500 VAC @ sea level  
 Temperature Rating:  
 Operating temperature: -25°C to +85°C  
 Environmental:  
 Lead free, RoHS compliant

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE MILLIMETERS  
 TOLERANCES: EXCEPT AS NOTED  
 MM ANGLE

X	± 0.30	X	± 1°
X.X	± 0.25	X.X	± 0.5°
X.XX	± 0.20		
X.XXX	± 0.10		

APPROVALS		DATE
DRAWN	LH	3/17/20
CHECKED	MY	3/17/20
APPROVED		

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TITLE			BATTERY HOLDER, PCB THRU HOLE FOR 1220, DIP TYPE		
SIZE	PART NO.	REV.			
X	BH-98-1	-			
REF:	S00136C	SCALE:	NTS	SHEET 1 OF 1	

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