




# PRODUCT INFORMATION

|   |                              |                         |
|---|------------------------------|-------------------------|
| <b>PART #</b>   | <b>BH-331-3A</b>             | <b>Revision: 0-2013</b> |
|  | <b>3 AA Batteries Holder</b> |                         |
| <b>ISO 9001</b>   |                              |                         |

## SPECIFICATIONS

|                              |                          |  |                            |                       |                   |                |
|------------------------------|--------------------------|--|----------------------------|-----------------------|-------------------|----------------|
| <b>Battery (Cell) Type</b>   | <b>AA</b>                |  | <b>Number of Cells</b>     | <b>3</b>              |                   |                |
| <b>Cell Configuration</b>    | <b>Series Connection</b> |  | <b>Output Voltage</b>      | <b>4.5 Vdc</b>        |                   |                |
| <b>Operating Temperature</b> | <b>-20°C to +65°C</b>    |  | <b>Storage Temperature</b> | <b>-30°C to +85°C</b> |                   |                |
| <b>Material</b>              | <b>Case</b>              | <b>P.P. RESIN (BLACK)</b>  |                            | <b>Washer</b>         |                   |                |
|                              | <b>Contact</b>           | <b>0.8MM 65C SPRING STEEL</b>  |                            |                       |                   |                |
|                              | <b>Termination</b>       | <b>Wire Leads, 24 AWG, UL 1007, Stranded, 150 ± 5 mm, stripped and tinned 5 ± 1 mm</b> |                            |                       |                   |                |
| <b>Physical Dimensions</b>   | <b>Length (L)</b>        | <b>58.0 mm</b>   | <b>Width (W)</b>           | <b>48.3 mm</b>        | <b>Height (H)</b> | <b>17.0 mm</b> |
| <b>Approximate Weight</b>    |                          |  | <b>Compliance</b>          | <b>RoHS</b>           |                   |                |
| <b>Options</b>               |                          |  |                            |                       |                   |                |

## RELIABILITY

|                             |   |
|-----------------------------|---|
| <b>Insulation Test</b>      | A minimum of 10 MΩ, measured with 100 Vdc Insulation Resistance Meter, between the Electrical Terminals and the Case            |
| <b>Vibration Test</b>       | 2 Hours of at 1.5 mm with 10 to 55 Hz. vibration frequency to each of 3 perpendicular directions                                |
| <b>Termination Strength</b> | Maximum of 9.8 N (1.0 Kg) load pull test, applied to each terminal in axial direction for 10 seconds                            |
| <b>Drop Test</b>            | Dropped naturally from 750 mm height onto the surface of 40 mm wooden board, 3 axes (X,Y,Z) directions, 3 times (6 times total) |
| <b>Warranty</b>             | For a period of one (1) year from date of shipping under normal operations conditions   |

## DIMENSIONS

