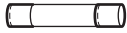
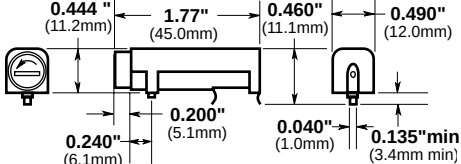
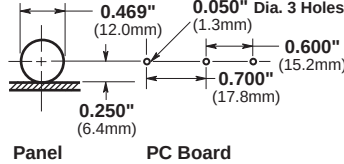
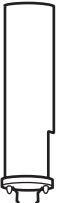
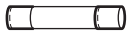
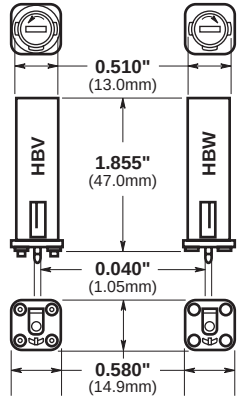
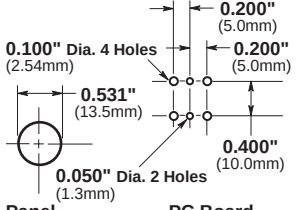
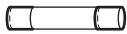
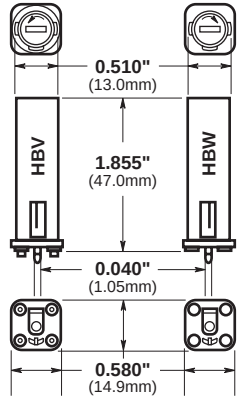
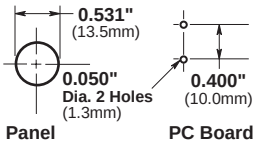


# Printed Circuit Board Fuseholders

## For 1/4" × 1 1/4" and 5mm × 20mm Fuses

# HB Series

| Model                                                                              | Fuse Size                                                                                          | Cat. No.<br>(Carrier & Body)                                                               | Agency Listings             | Dimensions (±.005", ±.13mm)                                                        | Mounting Dimensions                                                                 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Horizontal Mount                                                                   |                                                                                                    |                                                                                            |                             |                                                                                    |                                                                                     |
|   | <br>1/4" x 1 1/4" | <br>HBH-I | U.L.<br>CSA<br>VDE<br>SEMKO |  |  |
|                                                                                    | <br>5mm x 20mm    | <br>HBH-M |                             |                                                                                    |                                                                                     |
| Vertical Mount With Stability Pins                                                 |                                                                                                    |                                                                                            |                             |                                                                                    |                                                                                     |
|   | <br>1/4" x 1 1/4" | <br>HBV-I | U.L.<br>CSA<br>VDE<br>SEMKO |  |  |
|                                                                                    | <br>5mm x 20mm    | <br>HBV-M |                             |                                                                                    |                                                                                     |
| Vertical Mount Without Stability Pins                                              |                                                                                                    |                                                                                            |                             |                                                                                    |                                                                                     |
|  | <br>1/4" x 1 1/4" | <br>HBW-I | U.L.<br>CSA<br>VDE<br>SEMKO |  |  |
|                                                                                    | <br>5mm x 20mm    | <br>HBW-M |                             |                                                                                    |                                                                                     |

NOTE: Carriers do not fit panel-mounted fuseholders.

**Catalog Symbol:** HBH, HBV, HBW

### Specifications

#### Temperature Rating (RTI):

Body: 150°C

Knob: 130°C

#### PC Board Fuseholders

**Electrical Ratings:** U.L. — 16A @ 250V; CSA — 12A @ 250V; VDE — 10A @ 250V; SEMKO — 10A @ 250V; (CSA) Insulation resistance — 10,000 megohm at 500 Vdc. Contact resistance — less than 0.005 ohms @ 20mV. Dielectric strength — over 200 volts/mil.

**Molded Material:** High dielectric molded phenolic with a U.L. 94 VO flammability rating.

**Fuse Carrier & Knob:** Spring-loaded, bayonet type. Brass tin-plated. Screwdriver slotted.

**Mounting:** "Kicked" terminals (all models) and stabilizer pins on HBV model for increased stability.

**Environmental:** Ambient temperature — (–40°C to +85°C).

#### Agency Approvals:

U.L. Recognized, Guide IZLT2, File E14853;

CSA Certified, Class 6225-01, File 47235

VDE — 41421; SEMKO — 9308147 (HBH, HBV) 9222106 (HBW)

### General Information:

- Both vertical and horizontal mounting features.
- Fuse carriers for 5mm × 20mm and 1/4" × 1 1/4" fuses. Color coded for easy identification: gray for 1/4" fuses; black for 5mm fuses.
- Fuse carriers are interchangeable.
- "Kicked" terminals for optimum wave-soldering. Stabilizes holder for consistent high quality soldering with in-wide tolerance PC board hole tooling.
- Anti-wicking terminals.
- The line-side terminal is an exclusive closed element design.
- Prevents solder flux from "wicking-up" into the holder body.
- Corner pins integral to the HBV holder body give additional stability to holders for wave-soldering and reduce mechanical stress that might be imposed on contact pins during service.

### Individual Components — PC Board Fuseholders

| Fuseholder Body Only    |                                   |
|-------------------------|-----------------------------------|
| Cat. No.                | Body Type                         |
| BK/HBH                  | Horizontal Mount                  |
| BK/HBV                  | Vertical Mount w/Stability Pins   |
| BK/HBW                  | Vertical Mount w/o Stability Pins |
| Fuseholder Carrier Only |                                   |
| BK/FBI                  | 1/4" × 1 1/4"                     |
| BK/FBM                  | 5mm × 20mm                        |

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to BIF document #8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.