

# Fuse Holders

## HB PCB Series (HBH, HBV, HBW)

### Description

- For  $\frac{1}{4}$ " x  $1\frac{1}{4}$ " and 5 x 20mm fuses
- Fuse carriers are interchangeable
- Carriers are color coded for easy identification:
  - Gray for  $\frac{1}{4}$ " diameter fuses
  - Black for 5mm fuses
- Vertical and horizontal body mounting versions
- Fuse carrier and knob are spring loaded bayonet type with screwdriver slot
- "Kicked" terminals (all models) for optimum wave-soldering
- Stabilizer pins on HBV model
- High dielectric molded thermoplastic meets UL 94V0



### Resistance Ratings

- Insulation resistance: 10,000 megaohm at 500Vdc
- Contact resistance: Less than 0.005 ohms at 200mV

### Dielectric Strength

- Dielectric strength: Over 200V/mil

### Agency Information

- CE, VDE 4009241 (HBV, HBW) SEMKO 800444
- UL Recognized: IZLT2, E14853
- CSA Certified: Class 6225-01, File 47235

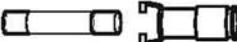
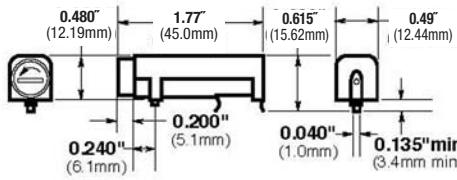
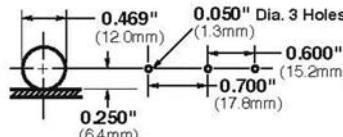
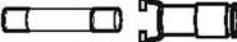
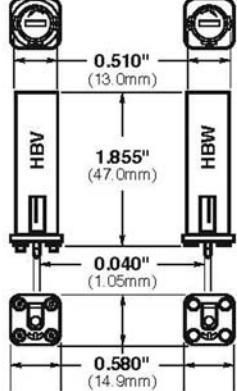
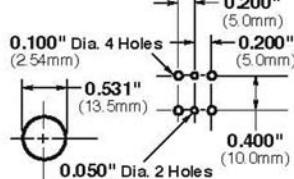
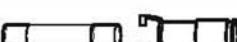
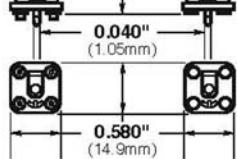
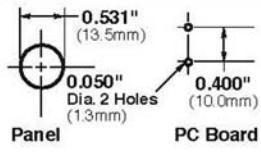
### Environmental Data

- Operating Temperature: (-40°C to + 85°C )
- Temperature rating (RTI): The mounting body for all devices has a temperature rating of 150°C. The knob for all devices has a temperature rating of 130°C.

### Ordering

- Specify packaging, product, and option code

Catalog Number	Fuse Holder		Voltage Rating Volts	Current Rating (amps) Agency Approval			
	Body Mount	Carrier Size		UL	CSA	VDE	SEMKO
<b>HBH-I</b>	Horizontal	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	—	10
<b>HBH-M</b>	Horizontal	5 x 20mm	250	16	12	—	10
<b>HBV-I</b>	Vertical w/ Stability Pins	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	6.3	10
<b>HBV-M</b>	Vertical w/ Stability Pins	5 x 20mm	250	16	12	6.3	10
<b>HBW-I</b>	Vertical w/o Stability Pins	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	250	16	12	6.3	10
<b>HBW-M</b>	Vertical w/o Stability Pins	5 x 20mm	250	16	12	6.3	10
<b>HBH</b>	Horizontal	na	250	16	12	—	10
<b>HBV</b>	Vertical w/ Stability Pins	na	250	16	12	6.3	10
<b>HBW</b>	Vertical w/o Stability Pins	na	250	16	12	6.3	10
<b>FBI</b>	na	$\frac{1}{4}$ " x $1\frac{1}{4}$ "	—	—	—	—	—
<b>FBM</b>	na	5 x 20mm	—	—	—	—	—

Model	Fuse Size	Cat. No. (Carrier & Body)	Agency Listings	Dimensions ( $\pm .005"$ , $\pm .13\text{mm}$ )	Mounting Dimensions
<b>Horizontal Mount</b>					
			U.L. CSA SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBH-I HBH-M			 PC Board
<b>Vertical Mount With Stability Pins</b>					
			U.L. CSA VDE SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBV-I HBV-M			 PC Board
<b>Vertical Mount Without Stability Pins</b>					
			U.L. CSA VDE SEMKO		 Panel
	$\frac{1}{4}'' \times 1\frac{1}{4}''$ 5 x 20mm	HBW-I HBW-M			 PC Board

NOTE: Carriers do not fit panel-mounted fuseholders.

### Packaging Code

Packaging Code Prefix	Description
Blank	10 fuse holders packed into a carton
BK	100 fuse holders packed into a cardboard shelf package

### Option Code

Option Code Suffix	Description
-R	RoHS compliant version

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