



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Waterproof In-Line Fuseholder

For ¼" × 1¼" Fuses  
32 Volts AC, 30 Amps



**Catalog Symbol:** HFB Fuseholder

**Ampere Rating:** 30 Amperes

**Voltage Rating:** 32 Volts AC

For use with ¼" × 1¼" fuses (6.35mm × 31.8mm)

**Overall Specifications—HFB**

**Temperature Range:** -40°C to 150°C

**Waterproof:** Typically to a depth of 1 foot for 2 hours

**Vibration Resistance:** Per Mil Standard 810C

**Humidity:** 85°C/85% R.H. for 96 hours

**Material Specifications—HFB**

**Brittle Point:** Less than -60°C

**Abrasion:** 54% NBS Index

**Fluid Resistance:** Type and Class AA, BA, BC, BE, CA, CE per ASTM D-2000 Standard Classification System for rubbers

**Flame Resistance:** Pass FMVSS302 and rated slow burning when tested in accordance with U.L. 94HB

**Ozone Resistance:** Passed 70 hours in 50 ppm ozone per ASTM D-5

**Salt Spray:** 15% for 166 hours = 0% volume swell

**U.L. Flammability:** 94 HB

**Temperature Rating (RTI):** 90°C

**Body Material:** Thermoplastic rubber

**Contact Material:** Copper with tin plating

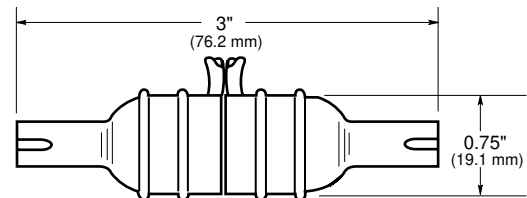
**Xenon Arc Weatherometer**

Time (Hrs.)	Tensile Strength (psi)	Elong. (%)	100% Mod. (psi)
0	1100	375	470
500	1130	350	520
1000	1190	350	520

**Heat Aging (% retention of mechanical properties at 125°C)**

Parameters	Days				
	1	7	15	30	41.7
Tensile Stgth.	100	105	115	120	120
% Elongation	90	90	90	90	90
100% Mod.	105	110	120	120	120

## Dimensional Data



## Catalog Numbers

Description	Catalog Number
Standard Pack (10-in)	HFB
Bulk Pack (20-in)	BK/HFB
Replacement Contact Clip	BK/1A2294
Accepts #10 Wire	HFB-10

## General Information:

- Rated 30 amps, 32 volts AC.
- Ideal for harsh environments.
  - Water
  - Salt spray
  - Ultraviolet light
  - Ozone
- -40°C to 150°C temp. range
- Withstands many organic solvents and rigorous shock and vibration.
- Accepts #12 to #18 wire leads (not provided).
- Simple assembly.
- One-piece molded thermoplastic.
- High visibility yellow color for easy identification in dark or hard-to-access locations.
- Important information molded into body.

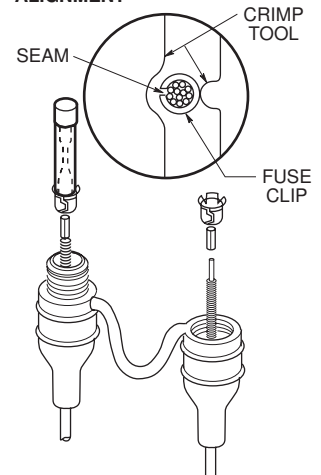
## Installation:

1. Thread wire through housing.
2. Strip insulation per strip gauge.
3. Crimp fuse clip to wire.\*
4. Pull wire and seat fuse clip in housing.
5. Insert fuse.
6. Snap housing together.

\*Recommended Crimping Tools:

Thomas & Betts No. WT-111-M; Radio Shack No. 64-409; California Terminal Products No. 1250.

## PROPER FUSECLIP ALIGNMENT



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