HFB
1/4" x 1 1/4" in-line waterproof fuse holder

RoHS

Product features

- For 1/4" x 1-1/4" (6.35 mm x 31.8 mm) fuses
- IP67 rating for exposed locations
- Ideal for harsh environments
  - o Water, Salt Spray
  - o Ultraviolet Light, Ozone
  - o -40 °C to +150 °C temperature range
  - o Withstands many organic solvents and rigorous shock and vibration
- Standard HFB accepts #16 to #12 AWG Cu wire
- HFB-10 accepts #10 AWG Cu wire
- Recommended crimp tools:
  - o Thomas & Betts – ERG4002
  - o Channellock No. 909
  - o Thomas & Betts WT-112M
- Replacement contact clip:
  - o Standard "-R": BK/1A2294
  - o HFB-10: BK/1A2294-01
- UL flammability rating 94 HB

Component	Material
Body	Thermoplastic Rubber
Crimp	Copper Tin-Plated

Specifications		
Product Code	Voltage Rating AC	Current Rating AC
HFB	32 V	30 A

Ordering

- Specify packaging, product, and option code

General specifications

- Temperature Rating (RTI): +100 °C
- IP67 rating for exposed locations
- Vibration Resistance: Per MIL STD 810C
- Humidity: +85 °C/85% relative humidity for 96 hours
- 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 related slow burning when tested in accordance with UL 94HB
- Ozone Resistance: Passed 70 hours in 50 ppm ozone per ASTM D-5
- Salt Spray: 15% for 166 hours = 0% volume swell
- 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 Strength	100	105	115	120	120
% Elongation	90	90	90	90	90
100% Mod.	105	110	120	120	120

Packagcode	
Packaging Code	Description
Blank	10 pieces of fuseholders packed into a carton
BK	100 pieces of fuseholders packed into a poly bag

Option code	
Option Code	Description
-R	Standard version, yellow, RoHS compliant
-10	#10 AWG Cu wire only, orange, RoHS compliant

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