




POWrFuse™ PF-H (Ind) Series Features

- Designed to UL 248-14 supplemental fuse standard
- 6-12 A ratings available
- Up to 100 kA interrupting rating
- Available in ferrule or PCB mounting options
- RoHS compliant* and halogen free**
- Agency recognition: 



PF-H (Ind) Series – Industrial Power Fuses

Clearing Time Characteristics for Series


% of Current Rating	Clearing Time at 25 °C	
	Minimum	Maximum
100 %	4 hours	—
135 %	—	60 minutes
200 %	—	2 minutes

Additional Information

Click these links for more information:



Electrical Characteristics

Model	Rated Current (A)	Nominal Resistance (Ω) ^{***}	Rated Voltage	Interrupting Rating	Nominal I ² t (A ² s) ^{****}	Watts Loss (W)		Agency Recognition
						@ 70 % In	@ 100 % In	
PF-HC1-6	6	0.02675	600 VAC 600 VDC	100 kA @ 600 VAC 100 kA @ 600 VDC	50.724	1.05	2.4	 E198545
PF-HT1-6								
PF-HC1-12	12	0.0108	600 VAC 600 VDC	100 kA @ 600 VAC 100 kA @ 600 VDC	258.192	1.7	4.3	
PF-HT1-12								

^{***} Resistance value measured with ≤10 % rated current at 25 °C ambient.

^{****} Nominal I²t value measured at 10x rated current.



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* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

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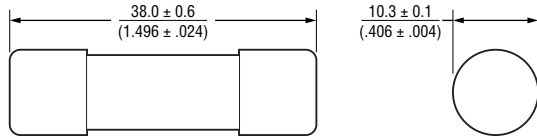
WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

PF-H (Ind) Series – Industrial Power Fuses



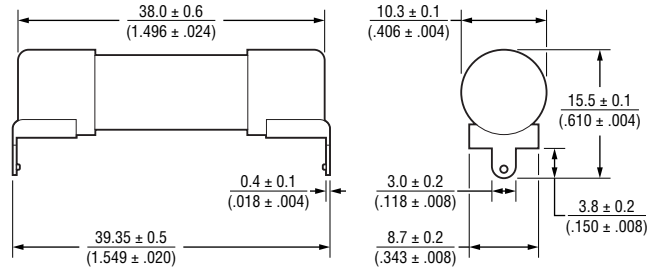
Product Dimensions

Ferrule/C1



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

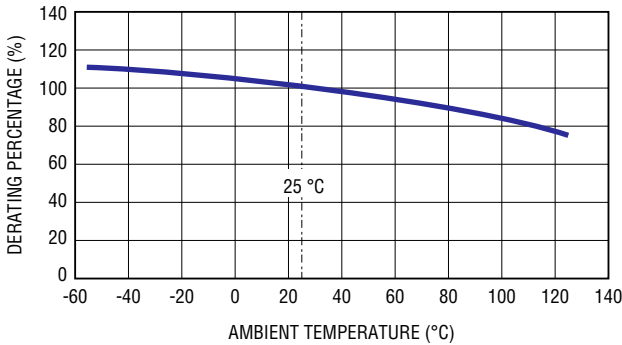
PCB Mounting/T1



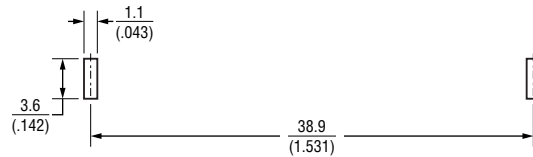
Environmental Characteristics

Operating Temperature.....-55 °C to +125 °C

Current Rating Thermal Derating Curve



Recommended Drilling Pattern



Wave Soldering Recommendations (for PCB Mounting)

Profile Feature	Pb-Free Assembly
Preheat: Temperature Max. Temperature Min.	150 °C 100 °C
Solder Pot Temperature	280 °C max.
Solder Dwell Time	8 seconds max.

Hand Soldering Recommendations (for PCB Mounting)

Soldering Iron Temperature	Heating Time
350 °C ± 5 °C	40 sec. max.

Typical Part Marking

Model	Note	Ink Color	Marking
PF-HC1-6	6	Black	
PF-HC1-12	12		
PF-HT1-6	6	Black	
PF-HT1-12	12		

How to Order

PF - H C1 - 12

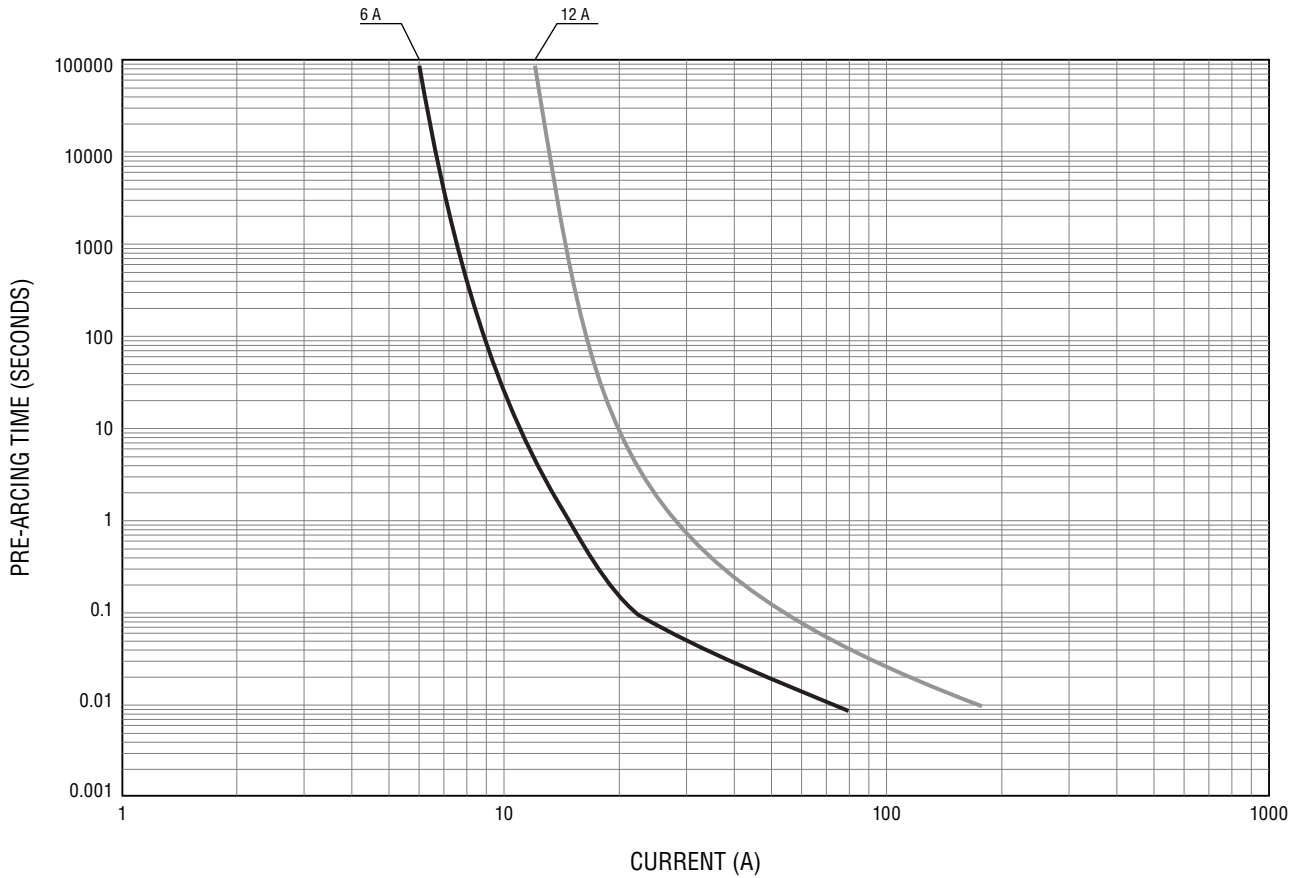
POWrfuse™ _____
 Product Designator _____
 Series Name _____
 Mounting Type _____
 C1 = Ferrule, Type 1
 T1 = PCB Mounting, Type 1
 Rated Current _____
 6 - 12 = 6 A - 12 A

Packaging

Model	Quantity
PF-HC1	10 pcs. / box
PF-HT1	50 pcs. / tray

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Average Pre-Arcing Time vs. Current Curves



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