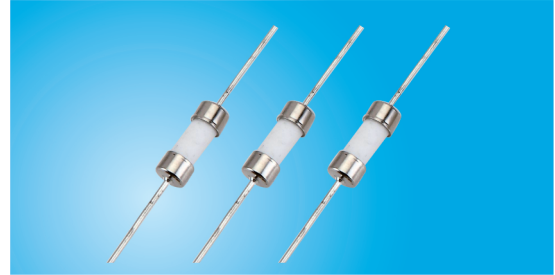


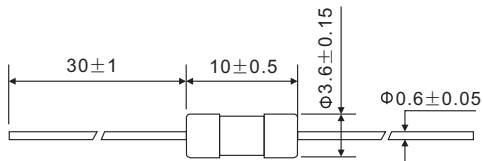
Axial Lead & Cartridge Fuse 3.6X10mm>Ceramic HBC>3FH Series

Description

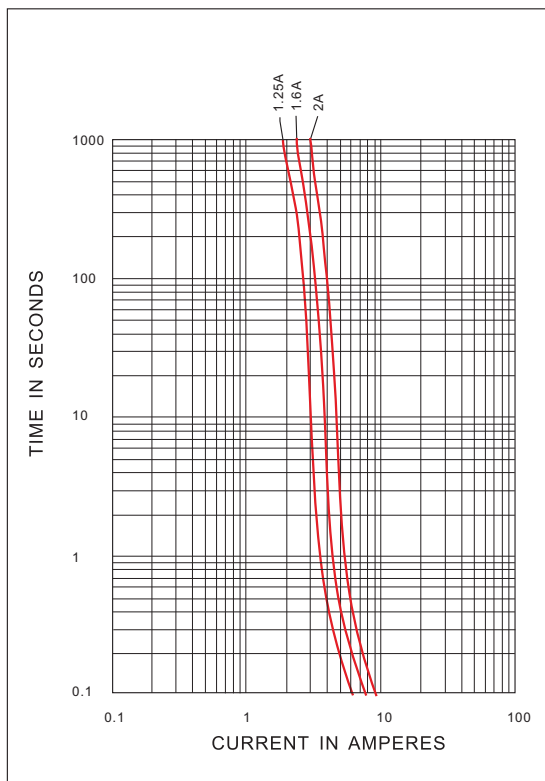
- The 3FH Series is an axial lead 3.6X10mm fuse, designed for overcurrent protection in electronic appliance charger applications. The robust design enables the device to withstand up to 24 hits of 7.5KV ringwave surge and, its epoxy coating helps open safely on a direct short condition without producing soot, sparks, sounds. The enhanced electrical characteristics of the 3FH Series make it ideal for use in wall-mounted chargers for smartphones and tablets. This series provides protection from catastrophic failures and safety hazard when experiencing direct shorting on an AC plug.



Dimensions(mm)



Time-Current Characteristics



Features

- Enhanced interrupting rating
- Higher surge withstand capability
- Compact 3.6X10mm footprint saves board space
- Epoxy Coating

Applications

- Smartphone and tablet wall-mount chargers
- Power Supplies for consumer electronics


Electrical Characteristics

Testing Current	Blow Time	
	Minimum	Maximum
150%	1 hrs	N/A
210%	N/A	1800 sec
275%	10 ms	3 sec
400%	3ms	300 ms
1000%	N/A	20ms

Electrical Specifications

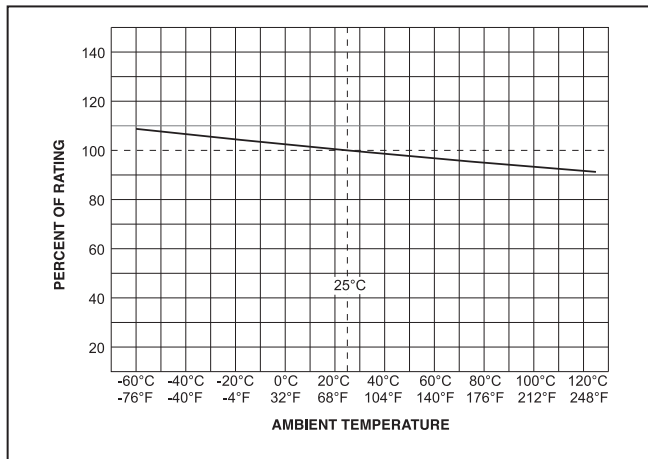
Catalog Number 料號	Ampere Rated In 額定電流	Voltage Rating (VAC) 額定電壓	Normal Resistance Cold(Ohm) 標準冷阻值	Normal Melting I ² T(A ² sec) 標準熔斷值
3FH1.25	1.25A	250V	0.070	2.03
3FH1.6	1.6A		0.049	3.84
3FH2	2A		0.033	6.80

Approvals

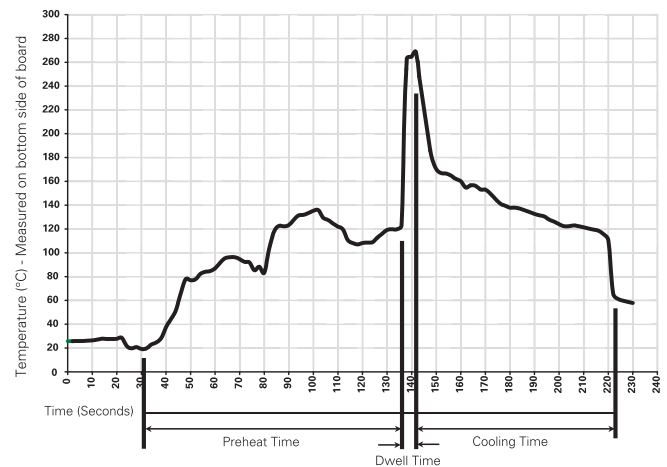
Safety Agency	Amp range/Volt @ I.R.ability
	1.25A-2A/250AC@200A

Axial Lead & Cartridge Fuse 3.6X10mm>Ceramic HBC>3FH Series

Temperature Derating Curve



Soldering Parameters-Wave Soldering



Recommended Process Parameters

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	260°C Maximum
Solder Dwell Time:	2-5 seconds

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350°C +/- 5°C

Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

Operation Temperature

-40°C to 125°C

Physical Specification Materials

Ceramic Body

Nickel Plated Brass Caps

Lead Wire: Tin plated Copper, Diameter 0.6mm

Packaging

On Tape: 3FH-1500pcs in box

3FH-15000pcs outer box