

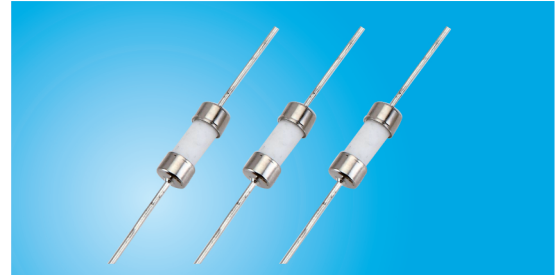
# Axial Lead & Cartridge Fuse 3.6X10mm>Fast-Acting>3FS Series

## Description

- Single pigtail Axial Lead 3.6X10mm>Fast-Acting Fuse

## Features

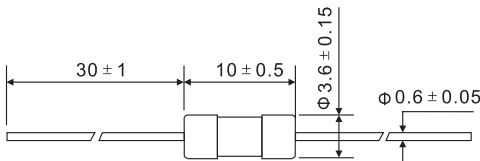
- Designed to meet IEC 60127-3 Standard Sheet 3
- Single Pigtail Axial Lead format
- Fast-Acting, ceramic body fuse in a compact package
- Pb-free, ROHS compliant
- Available in ratings of 500mA to 6.3 Amperes



## Applications

- This space saving fuse is ideally suited for lighting, power Supply, and adapter applications.

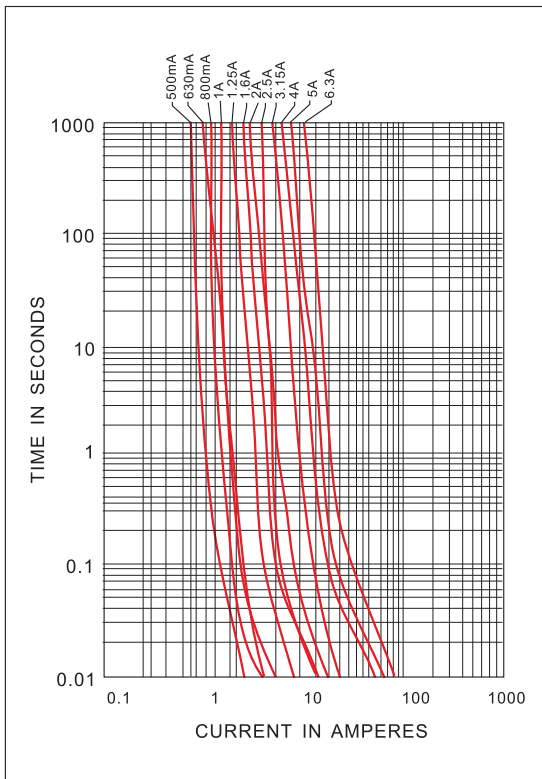
## Dimensions(mm)



## Electrical Characteristics

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

## Time-Current Characteristics



## Electrical Specifications

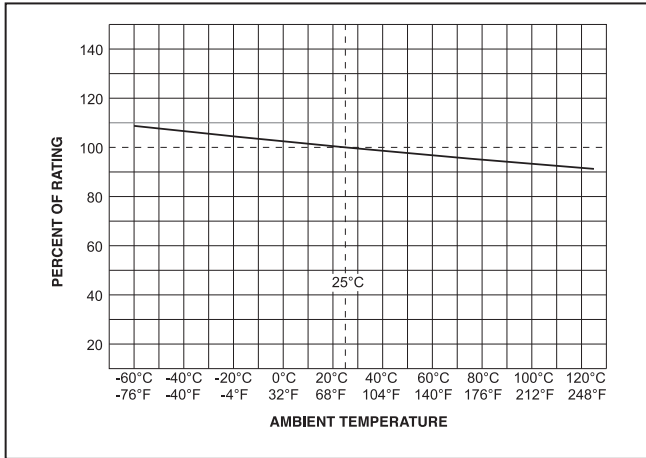
Catalog Number 料號	Ampere Rated In 額定電流	Voltage Rating (VDC) 額定電壓	Normal Resistance Cold(Ohm) 標準冷阻值	Normal Melting I <sup>2</sup> T 標準熔斷值
3FS 500	500mA	250V	0.145	0.125
3FS 630	630mA		0.098	0.278
3FS 800	800mA		0.078	0.512
3FS 1	1A		0.056	0.600
3FS 1.25	1.25A		0.048	0.938
3FS 1.6	1.6A		0.038	1.536
3FS 2	2A		0.029	4.400
3FS 2.5	2.5A		0.024	5.000
3FS 3.15	3.15A		0.021	7.938
3FS 4	4A		0.014	14.40
3FS 5	5A		0.011	22.50
3FS 6.3	6.3A		0.008	47.63

## Approvals

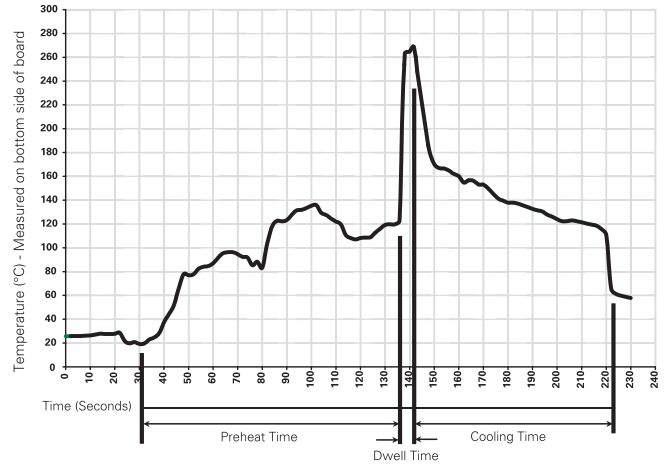
Safety Agency	Amp range/Volt @ I.R.ability
	500mA–6.3A/250AC @ 35A or 10In whichever is greater

# Axial Lead & Cartridge Fuse 3.6X10mm>Fast-Acting>3FS 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 500mA-4A 0.6mm/5A-6.3A 0.8mm

## Packaging

On Tape: 3FS-1500pcs in box

3FS-15000pcs outer box