

# Radial Lead Fuse Plastic Time-Lag>KET Series

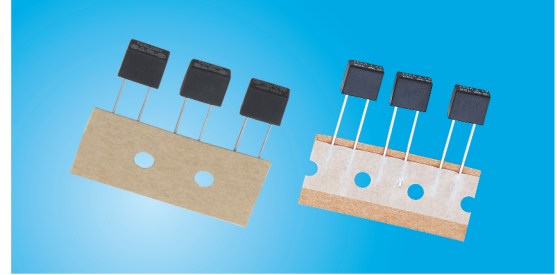


## Description

● KET Time-lag type, 250V rated and designed in accordance to IEC60127-3.

## Features

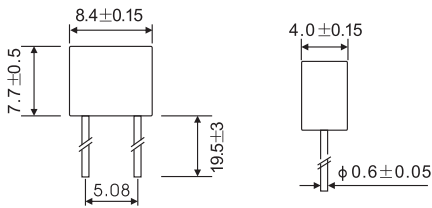
- Lead-free
- Reduced PCB space requirements
- Direct solderable or plug-in versions
- Internationally approved
- Low internal resistance
- Shocksafe casing
- Vibration resistant
- Halogen free



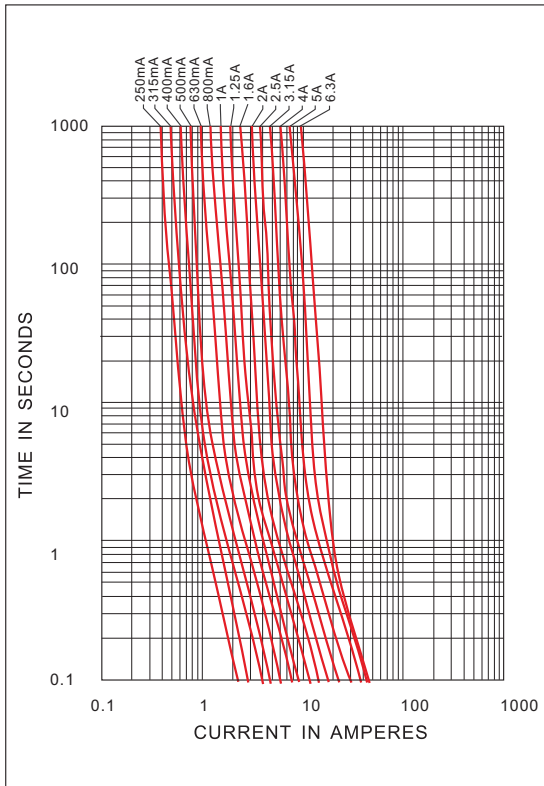
## Applications

- Electronic Ballast.

## Dimensions(mm)



## Time-Current Characteristics



## Electrical Characteristics

Testing Current	Blow Time	
	Minimum	Maximum
150%	1 hrs	N/A
210%	N/A	120 sec
275%	400ms	10 sec
400%	150ms	3 sec
1000%	20ms	150ms

## Electrical Specifications

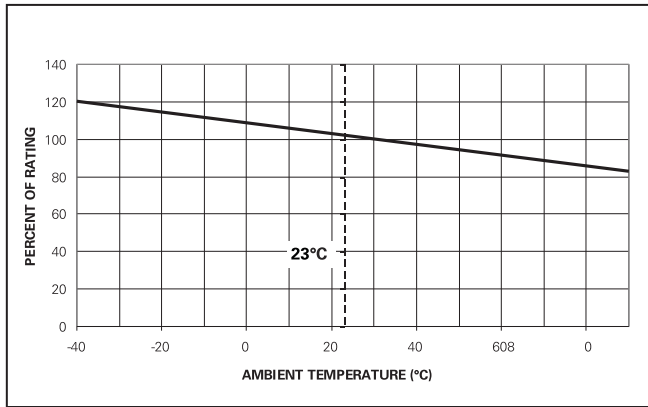
Catalog Number 料號	Ampere Rated In 額定電流	Voltage Rating (VAC) 額定電壓	Normal Resistance Cold(Ohm) 標準冷阻值	Normal Melting I <sup>2</sup> T(A <sup>2</sup> sec) 標準熔斷值
KET250	250mA	250V	0.7550	0.381
KET315	315mA		0.4340	0.427
KET400	400mA		0.3350	1.490
KET500	500mA		0.2230	2.275
KET630	630mA		0.1470	3.410
KET800	800mA		0.1030	5.440
KET1	1A		0.0775	7.100
KET1.25	1.25A		0.0595	12.810
KET1.6	1.6A		0.0425	19.200
KET2	2A		0.0335	31.200
KET2.5	2.5A		0.0250	47.500
KET3.15	3.15A		0.0210	81.360
KET4	4A		0.0138	132.80
KET5	5A		0.0090	154.00
KET6.3	6.3A		0.0080	161.10

## Approvals

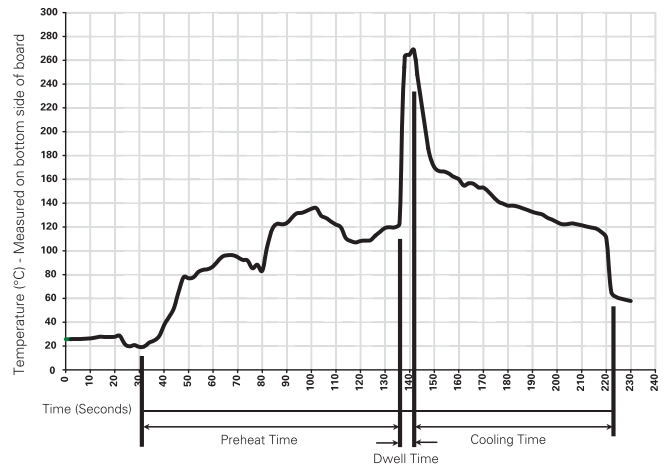
Safety Agency	Amp range/Volt @ I.R.ability
	250mA-6.3A/250V AC@35A or 10In whichever is greater

# Radial Lead Fuse Plastic Time-Lag>KET 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

Plastic Body

Lead Wire: Tin plated Copper, Diameter 0.6mm

## Packaging

On Tape: KET-1000pcs in box

KET-10000pcs outer box