

# Radial Lead Fuse Plastic HBC>KEH Series

## Description

● KEH plastic HBC type, 300V rated and designed in accordance to IEC60127-3.

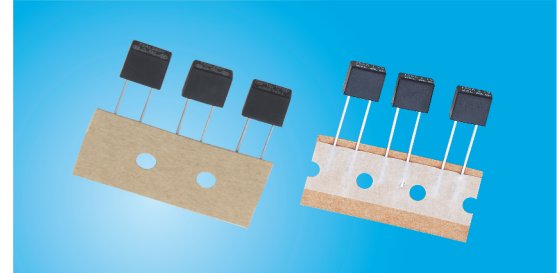
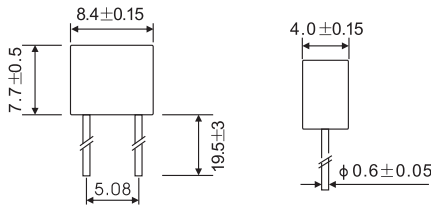
## Features

- 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)



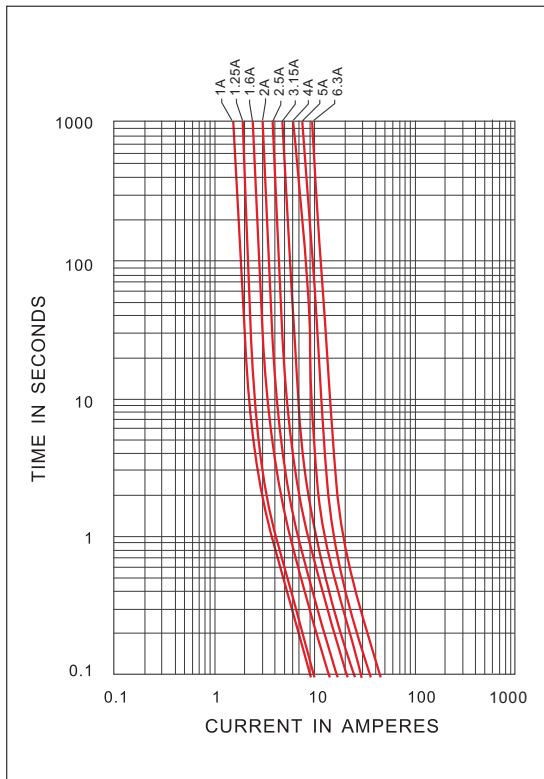
## Electrical Characteristics

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
KEH1	1A	250V 300V	0.0780	7.80
KEH1.25	1.25A		0.0590	8.44
KEH1.6	1.6A		0.0450	16.90
KEH2	2A		0.0325	24.80
KEH2.5	2.5A		0.0225	36.25
KEH3.15	3.15A		0.0182	57.55
KEH4	4A		0.0140	72.00
KEH5	5A		0.0110	107.50
KEH6.3	6.3A		0.0085	158.76

## Time-Current Characteristics

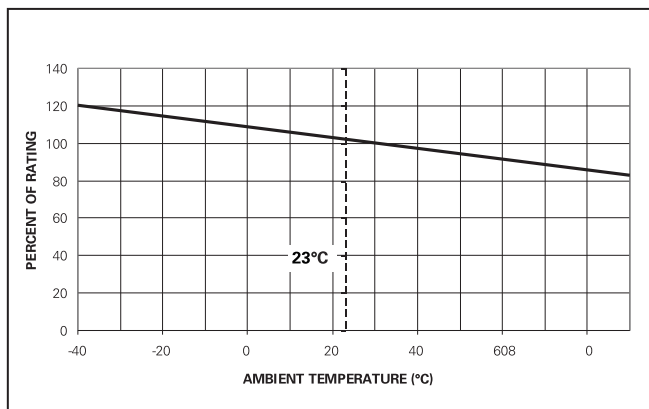


## Approvals

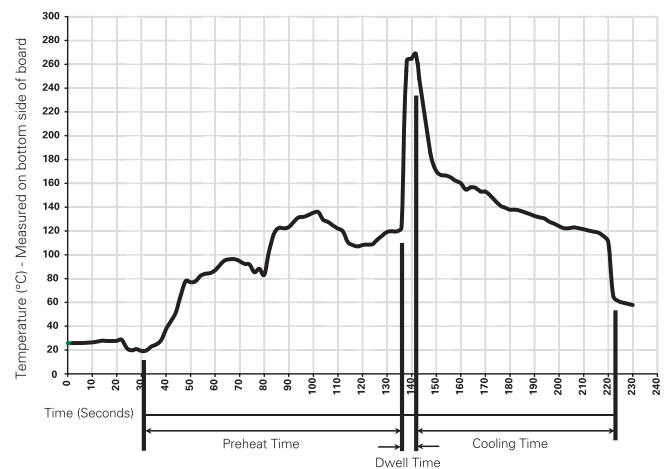
Safety Agency	Amp range/Volt @ I.R.ability
	1A-6.3A/250V AC@35A or 10In whichever is greater 300V AC@100A

## Radial Lead Fuse Plastic HBC>KEH 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: KEH-1000pcs in box

KEH-10000pcs outer box