

### Description

- Fast Acting High current brick fuse
- Surface mount design to save space
- Ceramic Square body with end cap
- Designed to UL248-1
- Fully compatible with lead-free solder and high temperature profile associated with lead-free assembly



### Electrical Characteristics

1.0 In	4 hour min.
2.5 In	<10s

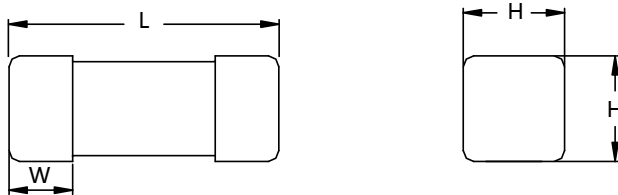
### Specifications



Part No.	Dimensions	Rated Voltage (V dc)	Rated Current (A)	Breaking Capacity	Typ. Cold Resistance (mΩ)	Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec)
1240FH-30AH	10x3.15mm	80 max.	30A	800A @ 80Vdc 800A @ 72Vdc 800A @ 63Vdc	1.36	236

- DC Interrupting Rating (Measured at designated voltage, time constant of less than 50 microseconds, battery source)
- Typical Pre-arcing I<sup>2</sup>t are measured at 10In Current, DC battery bank, but not exceeding the interrupting rating, time constant of calibrated circuit less than 50 microseconds)

### Dimension

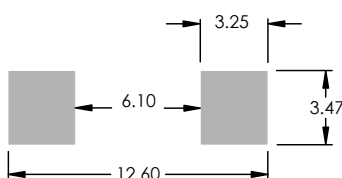


### Applications

- Power battery protection
- Test equipment
- Power supplies
- Game systems
- Industrial equipment
- Telecom system

Rating	L	W	H
30A	10.0±0.30	1.7±0.10	3.15±0.10

### Pad Layout



### Packaging

1500pcs/Tape and Reel

## Soldering Characteristics

### Wave Immersion

- Reservoir Temperature: 260° C
- Time in Reservoir : 10 Seconds Maximum

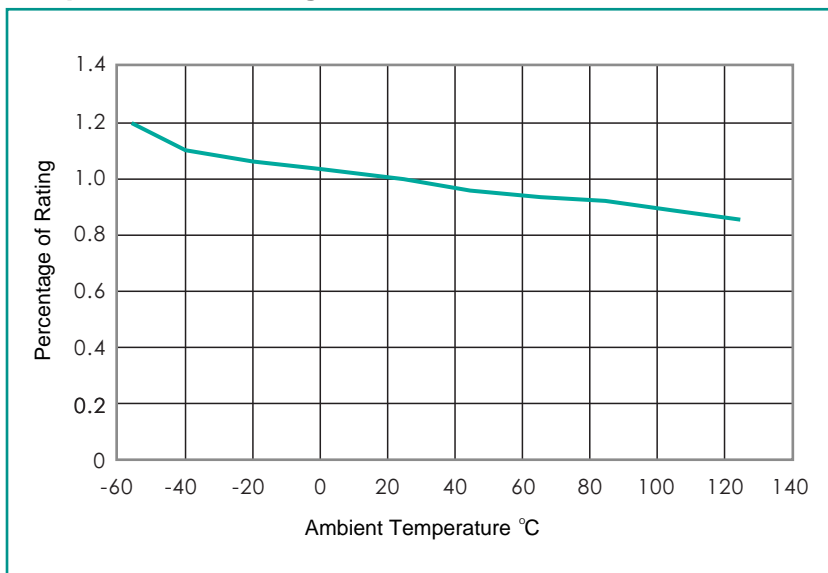
### Infrared Reflow

- Temperature: 260° C
- Time: 30 Seconds Maximum

### Hand Soldering

- Maximum tip temperature: 350°C
- Maximum soldering time: 5 seconds max

## Temperature Re-rating Curve



- Normal Operating Temperature: 25°C ± 2°C
- Operating Temperature: -55°C to 125°C with proper correction factor applied.
- Chart of correction factor

### Time Current Curves

