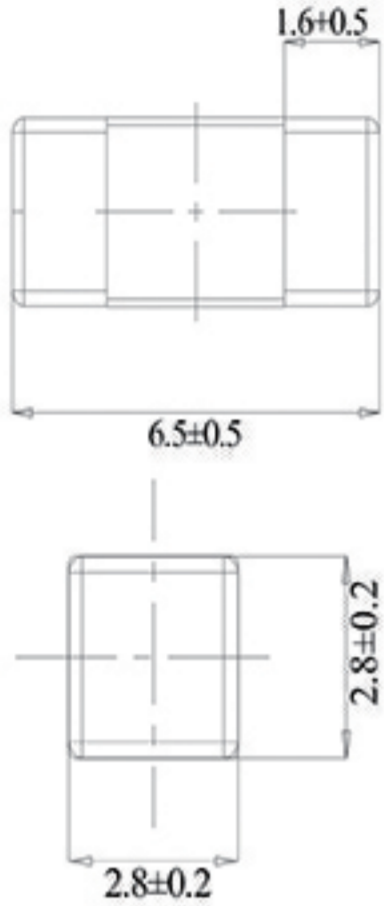


# 249 SMD Fuse



Dimensions(unit: mm)



## Main Characteristics

SMD Fuse; Very Fast-acting(VF)

## Standard

UL 248-1

## Materials

Body: Ceramic

End Caps: Copper plated with silver

## Operating Temperature

-55°C to +125°C

## Stock Temperature

+10°C to +60°C

Relative humidity: ≤75% yearly average

Without dew, maximum 30 days at 95%

## Vibration Resistance

24 cycles at 15 min. each (60068-6)

10-60Hz at 0.75mm amplitude

60-2000Hz at 10g acceleration

## Soldering Parameters

260°C. ≤10 sec (Wave Soldering)

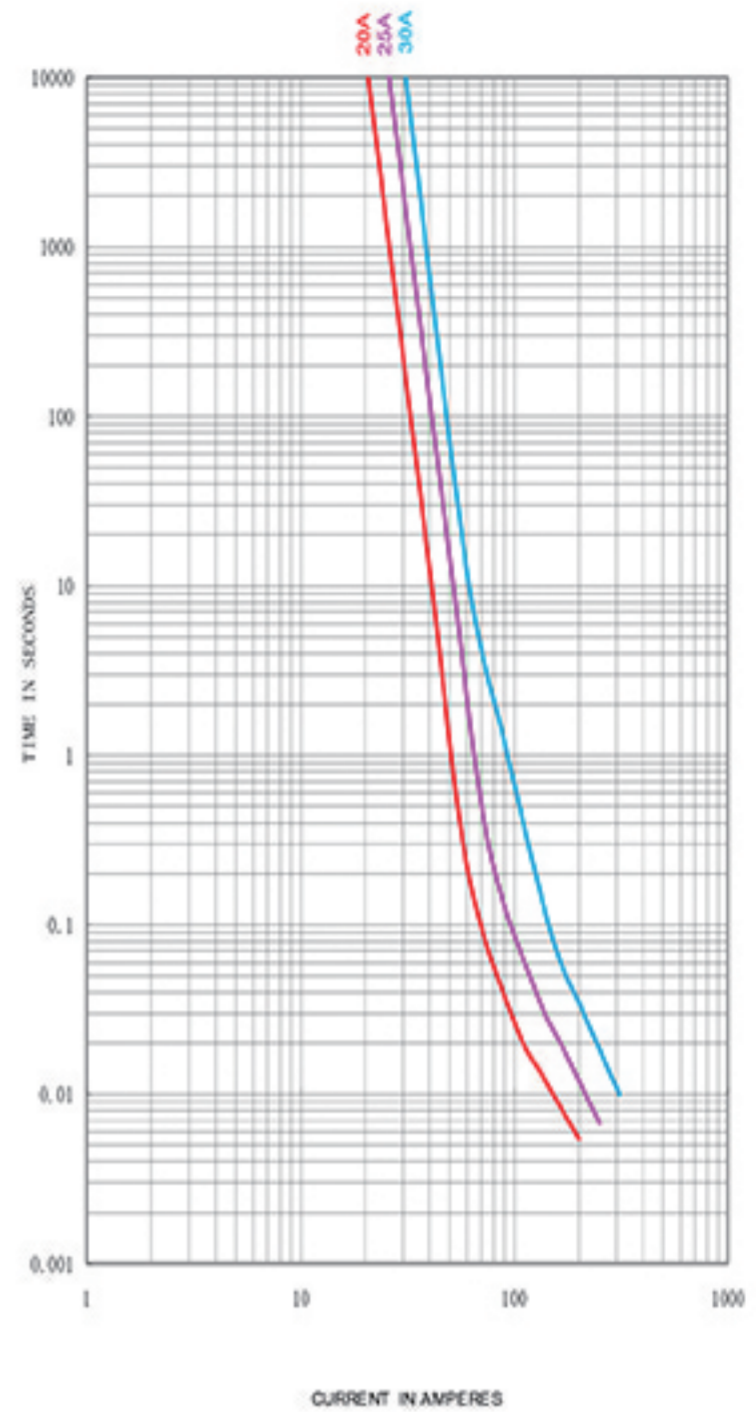
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL 248-1

Rated Current	100%	200%
20A~30A	>4h	<60s



## Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Typical Voltage Drop (mV)	Breaking Capacity	Typical Melting I <sup>2</sup> t (A <sup>2</sup> sec)	Approvals
						cURus
2200	20A	72V DC	100	500A@72VDC	220	•
2250	25A		70		425	•
2300	30A		60		990	•

**Note:** (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)  
 (2) Typical pre-arcing I<sup>2</sup>t are measured at 10I<sub>n</sub> current.

## Ordering Information

Series	Amp Code	Supplementary Code	Qty
249			

