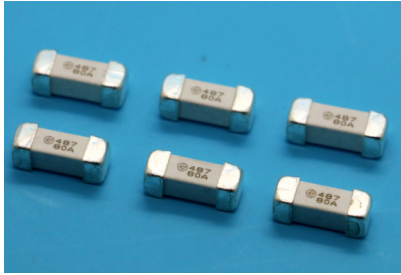


487 Brick Fuse



Main Characteristics

Brick fuse; Fast Acting

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

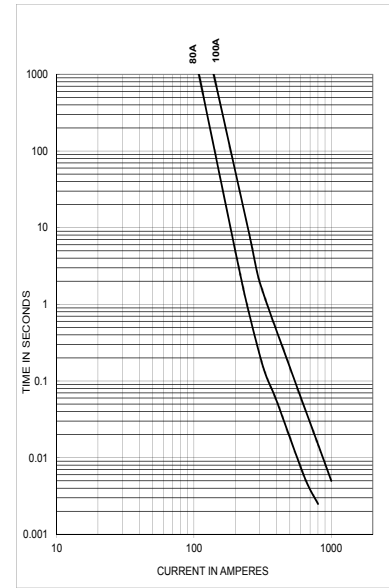
260°C. ≤10 sec (Wave Soldering)

300°C. ≤2 sec (Hand Soldering)

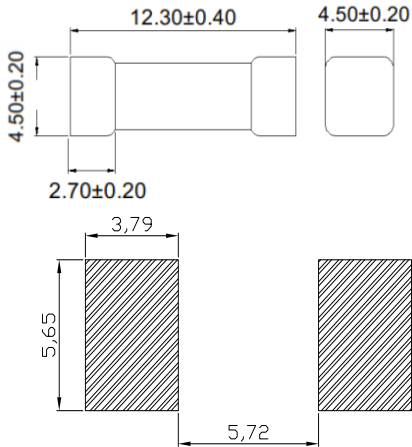
Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)



Dimensions(unit:mm)



Time vs Current Characteristics:UL248-1

Rated Current	100%	350%
80A-100A	>4h	<10s



Electrical Characteristics

Amp Code	Rated Current	Rated Voltage	Max. Voltage Drop (mV)	Breaking Capacity	Typical Melting I ² t (A ² sec)	Typical cold Resistance (mΩ)	Approval
							cURus
2800	80A	125V AC	65	1000A@72/63/32V DC 500A@125V AC	1700	0.44	•
3100	100A	72V DC	55		5000	0.29	•

* AC Interrupting Rating (Measured at designated voltage, 100% power factor random closing)

* DC Interrupting Rating (Measured at designated voltage, time constant of less than 50 microseconds, battery source)

* Typical Pre-arcing I²t are measured at 10I_n Current, DC battery bank, but not exceeding the interrupting rating, time constant of calibrated circuit less than 50 microseconds)

Ordering Information

Series	Amp Code	Supplementary Code	Qty
487			