

515 Miniature Cartridge Fuse



Main Characteristics

Miniature fuse; Very Fast-Acting

Standard

UL248-14

Materials

Tube: Ceramic Tube

End Caps: Nickel plated copper

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C

Relative humidity: ≤75% yearly average

Without dew, maximum 30 days at 95%

Vibration Resistance

120 cycles in 1 direction at 1 min. each

10-55Hz, 3 directions(X, Y, Z) in total

According to MIL-STD-202 Method 201A

Soldering Parameters

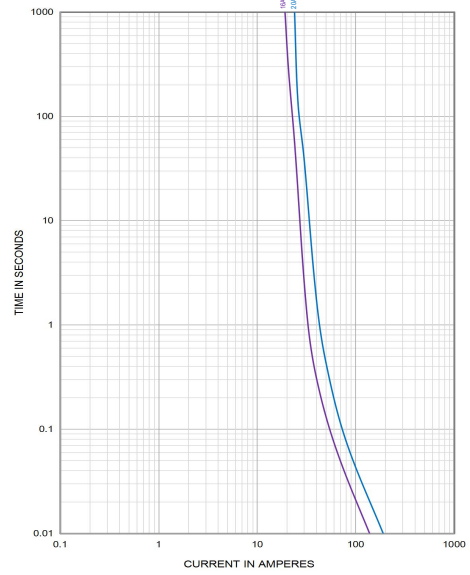
260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

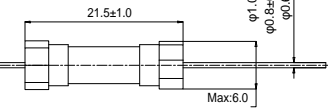
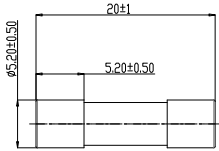
Soldering Peak:

260°C. 10 sec. (IEC 60068-20)

Average Current Curve (I-T Curve)



Dimensions (unit: mm)



Time vs Current Characteristics: UL 248-14

Rated Current	100%	150%	250%
16A~20A	>4H	<120s	<1s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Max. Voltage	Nominal Melting I ² t (A ² sec)	Breaking Capacity	Approvals
					cURus
1600	16A	300V AC	183.46	1500A@250V AC 1500A@300V AC	•
2200	20A	300V AC	357.33	750A@250V AC 750A@300V AC	•

Notes: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
(2) Typical pre-arcing I²t are measured at 10In current.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
515			