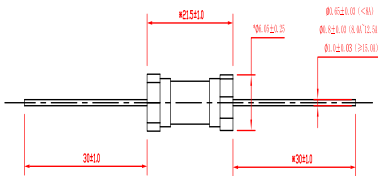
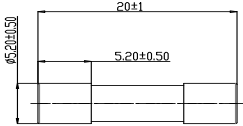


517 Miniature Cartridge Fuse



Dimensions (unit: mm)



Main Characteristics

Miniature fuse; Very Fast-Acting

Standard

UL248-14 IEC60127-7

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

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

10-60Hz at 0.75mm amplitude

60-2000Hz at 10g acceleration

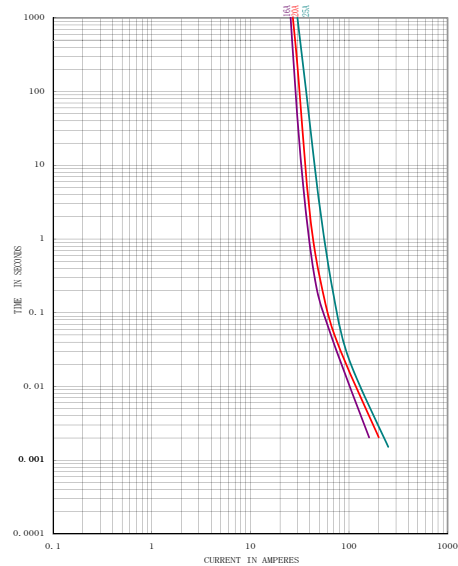
Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)



Time vs Current Characteristics: UL248-14

Rated Current	100%	210%	275%	400%	1000%
16A~25A	>1h	<30min	40ms~20s	10ms~1s	≤30ms



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Voltage drop Max.(mV)	Nominal Melting I ² t (A ² sec)	Typical cold Resistance (mΩ)	Breaking Capacity	Approvals	
							cURus	TUV
2160	16A	500V DC 600V AC	250	52.0	5.91	100A@600V AC 400A@500V DC	•	•
2200	20A		250	82.0	4.79		•	•
2250	25A		250	95.0	3.36		•	•

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 10I_n current.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
517			