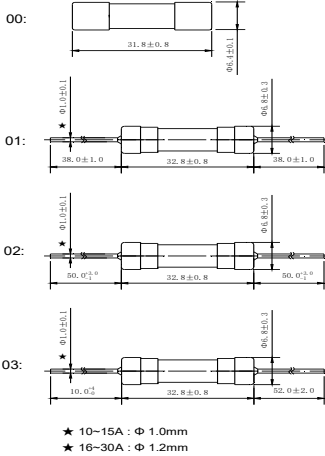


683 Miniature cartridge Fuse



Dimensions (unit: mm)



Main Characteristics

Miniature cartridge fuse; Fast-Acting(F)

Standard

UL 248

Materials

Tube: Ceramic Tube

End Caps: Silver plated copper

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C

Relative humidity: \leq 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

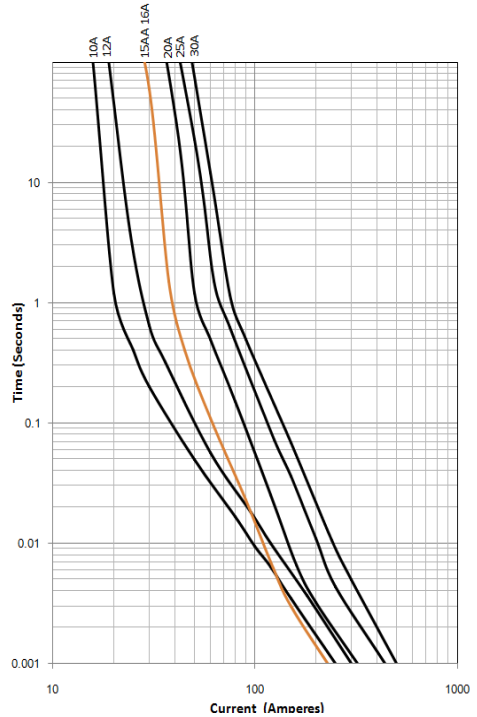
Soldering Parameters

260°C. \leq 5 sec (Wave Soldering)

350°C. \leq 3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)



Time vs Current Characteristics: UL 248-14

Rated Current	200%	300%
10A~30A	<5min	<10s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Max. Voltage	Breaking Capacity	Typical Cold Resistance (m Ω)	Typical Melting I ² T (A ² s)	Approval	
						cURus	TUV
2100	10.00A	500VAC 500VDC	1KA@500VAC 1KA@500VDC	17.1	100	●	●
2120	12.00A			12.3	140	●	●
2150	15.00A			8.00	66	●	●
2160	16.00A			8.00	62	●	●
2200	20.00A			5.65	125	●	●
2250	25.00A			4.35	270	●	●
2300	30.00A			3.50	450	●	●

Note:

(1) DC cold resistance are measured at <10% of rated current in ambient temperature of 25°C.

(2) Typical pre-arcing I²t are measured at 10In current.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
683			