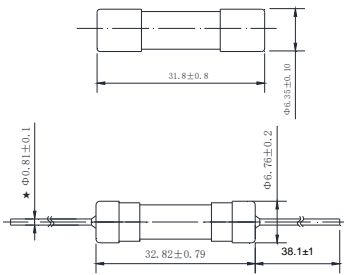


693 Miniature cartridge Fuse



Dimensions (unit: mm)



★200mA~2A : Φ0.81mm

Main Characteristics

Miniature cartridge fuse; Fast-Acting(F)

Standard

UL 248-1

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: ≤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

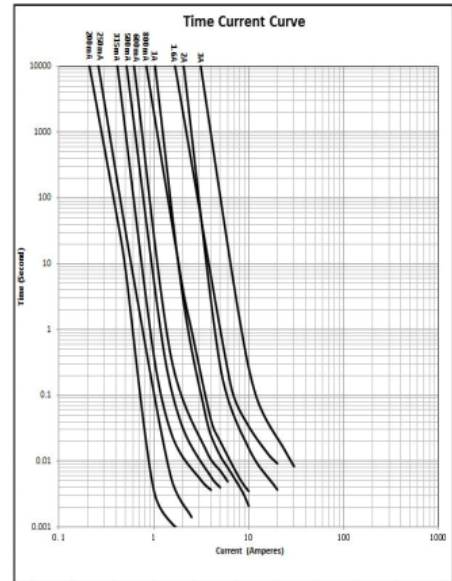
260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL 248-1

Rated Current	100%	250%
200mA~3A	>4H	<120s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop (mV)	Breaking Capacity	Typical Melting I²T (A²s)	Typical Cold Resistance (mΩ)	Approvals	
							cURus	TUV
0200	200mA	1000V DC 1000V AC	916	10KA@1000VDC 10KA@1000VAC	0.0031	3900	●	●
0250	250mA		850		0.009	2755	●	●
0315	315mA		900		0.050	1875	●	○
0400	400mA		860		0.059	1845	●	●
0500	500mA		600		0.081	1160	●	●
0600	600mA		550		0.178	1030	●	●
0800	800mA		510		0.256	530	●	●
1100	1.00A		560		0.210	450	●	○
1125	1.25A		550		3.00	260	●	○
1160	1.60A		350		3.72	165	●	○
1200	2.00A		400		1.50	150	●	○
1250	2.50A		300		4.50	88	●	○
1300	3.00A		270		7.54	60	●	○

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
693			



Sales Contact
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National High-tech Enterprise
SC 32C National Technical
Committee Member of China
Intertek ISO 9001 Certified Company
Intertek ISO 14001 Certified Company
Intertek QC 080000 Certified Company
NQA IATF 16949 Certified Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系