



692 Miniature cartridge Fuse



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

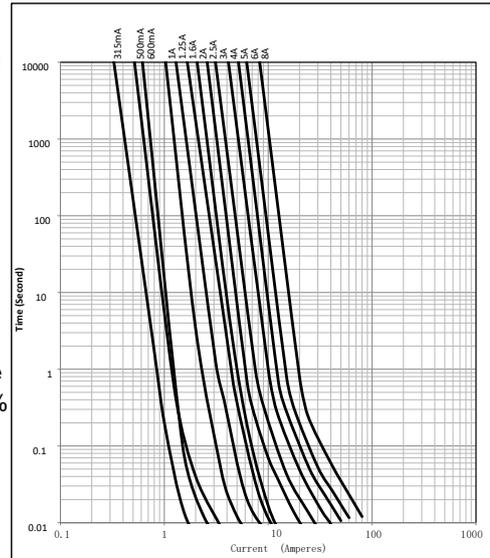
+10°C to +60°C
Relative humidity: ≤75% yearly average
Without dew, maximum 30 days at 95%

Vibration Resistance

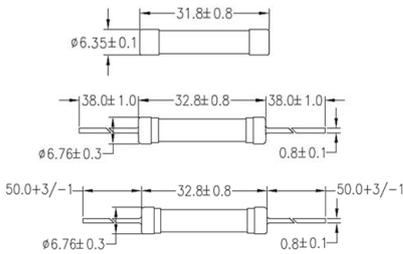
120 cycles in 1 direction at 1 min. each
10-55Hz, 3 directions(X, Y, Z) in total
According to MIL-STD-202 Method 201A

Soldering Parameters

260°C. ≤5 sec (Wave Soldering)
350°C. ≤3 sec (Hand Soldering)
Soldering Peak:
260°C. 10 sec. (IEC 60068-20)



Dimensions (unit: mm)



Time vs Current Characteristics: UL 248-1

Rated Current	100%	250%
315mA - 8A	>4h	<120s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Melting I ² T (A ² s)	Voltage Drop Max(mV)	Typical Cold Resistance (mΩ)	Breaking Capacity	Approvals
							cURus
0315	315mA	660VAC/DC	0.028	600	1900	1000A@660VAC 1000A@660VDC	•
0500	500mA		0.04	610	1150		•
0600	600mA		0.07	750	1050		•
1100	1.00A		0.21	560	450		•
1125	1.25A		0.75	400	260		•
1160	1.60A		0.85	350	160		•
1200	2.00A		1.2	380	158		•
1250	2.50A		3.9	300	88		•
1300	3.00A		7	220	64		•
1400	4.00A		15	230	44		•
1500	5.00A		25	220	33		•
1600	6.00A		41	210	26		•
1800	8.00A		75	205	17		•

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 10I_n current.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
692			



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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

