

671 Miniature cartridge Fuse



Main Characteristics

Miniature cartridge fuse; Time-Lag(T)

Standard

UL248-1

Materials

Body: Ceramic

End Caps: Copper plated with silver

Operating Temperature

-55°C to +125°C

Stock Temperature

+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

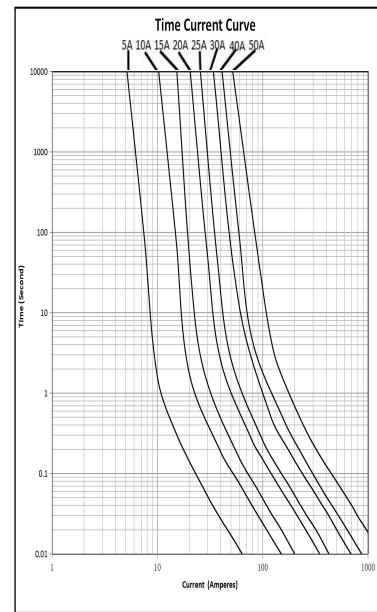
260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

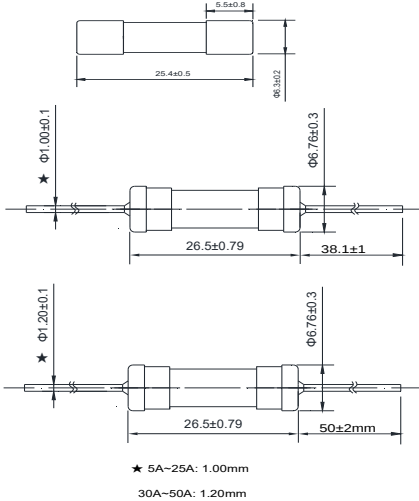
Soldering Peak:

260°C. 10 sec.(IEC 60068-20)

Average Time Current(I-T Curves)



Dimensions (unit: mm)



Time vs Current Characteristics: UL248-1

Rated Current	100%	150%	200%
5A~50A	>4H	<1H	<120s

Electrical Characteristics



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated voltage	Typical Voltage Drop (mV)	Typical Cold Resistance (mΩ)	Nominal Melting I ² t(A ² sec)	Breaking Capacity	Approvals
							cURus
1500	5.00A	75V DC 60V DC	158	22.5	44	2.5KA @ 75V DC 5.0KA @ 60V DC	•
2100	10.00A		118	8.7	243		•
2150	15.00A		137	6.3	461		•
2200	20.00A		120	3.7	1369		•
2250	25.00A		118	2.9	2158		•
2300	30.00A		90	2.1	4680		•
2400	40.00A		116	1.6	8800		•
2500	50.00A		135	1.4	12650		•

Note:

- (1) For the ratings other than above, please contact your sales representative. .
- (2) 25A and above rating pass Lightning Test 10kA (Differential Mode)
- (3) Typical Pre-arcing I²t are measured at 10In Current
- (4) Self certified for 60Vdc/5KA

Ordering Information

Series	Amp Code	Supplementary Code	Qty
671			