



571 Miniature Cartridge Fuse



Main Characteristics
Miniature Cartridge fuse; Fast-Acting(F)

Standard

UL248-1

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

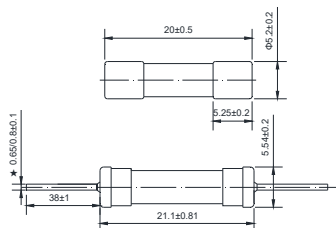
260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)

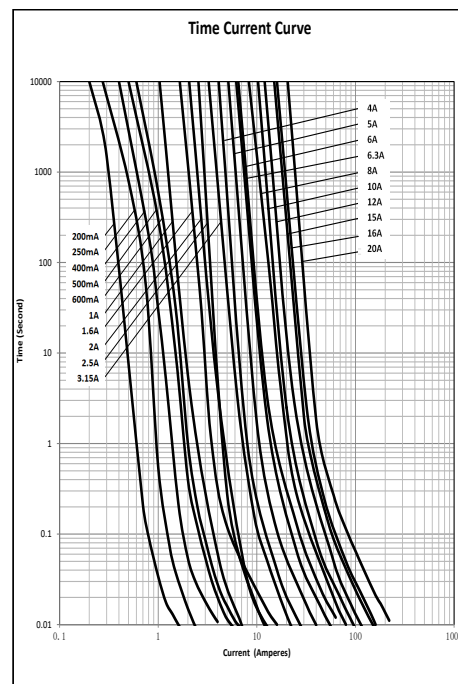
Dimensions (unit: mm)



★200mA~6.3A : 0.65mm

8A~20A: 0.8mm

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-1

Rated Current	100%	200%	400%
200mA~600mA	>4H	-	<120s
1A~20A	>4H	<120s	-



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Max.Voltage Drop(mv)	Breaking Capacity	Typical Cold Resistance (mΩ)	Nominal Melting I ² T (A ² sec)	Approval	
							cURus	TUV
0200	200mA	600V AC	333	1KA@600V AC	1750	0.032	•	•
0250	250mA		217		878	0.053	•	•
0400	400mA		278		663	0.172	•	•
0500	500mA		190		382	0.287	•	•
0600	600mA		234		360	0.396	•	•
1100	1.00A		280		230	0.28	•	•
1160	1.60A		310		148	2.56	•	•
1200	2.00A		248		100	1.68	•	•
1250	2.50A		360		90	1.48	•	•
1315	3.15A		215		49	4.86	•	•
1400	4.00A	220	38	8.00	•	•		
1500	5.00A	200	29	16.0	•	•		
1600	6.00A	150	24	30.0	•	•		
1630	6.30A	162	19	48.0	•	•		
1800	8.00A	149	14	64.0	•	•		
2100	10.00A	166	12	90.0	•	•		
2120	12.00A	160	9.5	130	•	•		
2150	15.00A	165	7.3	225	•	•		
2160	16.00A	164	6.8	256	•	•		
2200	20.00A	150	5.0	520	•	•		

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
571			