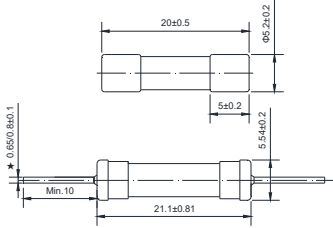


# 531 Fast-Acting Miniature Fuse



Dimensions (unit: mm)



- ★200mA~6.3A : 0.65mm
- 8A~30A: 0.80mm

## Main Characteristics

Axial miniature 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%

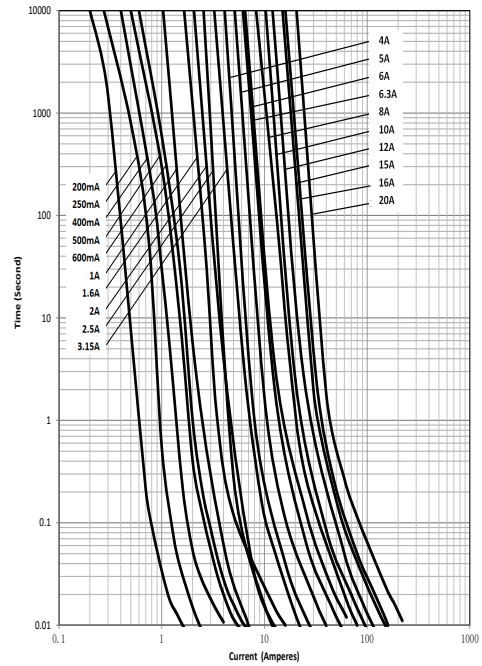
## Vibration Resistance

24 cycles at 15 min. each (60068-6)  
10-60Hz at 0.75mm amplitude  
60-2000Hz at 10g acceleration

## 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: UL248-1

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



## Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Max. Voltage Drop(mV)	Breaking Capacity	Typical Pre-arcing I2t (A²Sec)	Approval cURus
0200	200mA	300V AC 300V DC	333	3kA@300V AC 3kA@300V DC	0.032	●
0250	250mA		217		0.053	●
0400	400mA		278		0.172	●
0500	500mA		190		0.287	●
0600	600mA		234		0.396	●
1100	1.00A		280		0.28	●
1160	1.60A		310		2.56	●
1200	2.00A		248		1.68	●
1250	2.50A		360		1.48	●
1315	3.15A		215		4.86	●
1400	4.00A		220		8	●
1500	5.00A		200		16	●
1600	6.00A		150		30	●
1630	6.30A		162		48	●
1800	8.00A		149		64	●
2100	10.00A		166		90	●
2120	12.00A		160		130	●
2150	15.00A		165	225	●	
2160	16.00A		164	256	●	
2200	20.00A		150	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 10In current.

## Ordering Information

Series	Amp Code	Supplementary Code	Qty
531			