

# Fast Acting | 5x20mm Ceramic Tube Fuses

## 5CT3 Series



### Features

- Fast Acting, high breaking capacity
- Ceramic tube, Silver plated cap construction
- Designed to UL248-1
- RoHS and Lead Free material

### Electrical Characteristics

Current Rating	% of Ampere Rating	Opening Time
200mA – 20A	100%	4hours Min.
1A – 20A	200%	120 sec Max.
200mA – 600mA	400%	120 sec Max.

### Specifications

Part Number	Current Rating	Voltage Rating	Interrupting Rating	Typical Cold Resistance (mOhms)	Typical Pre-Arcing I <sup>2</sup> t (A <sup>2</sup> Sec)	Typical Voltage Drop (mV)
5CT3-R200xx	0.2A	500VDC@300A 400VDC@2000A		1750	0.032	333
5CT3-R400xx	0.4A			663	0.172	278
5CT3-R500xx	0.5A			382	0.287	190
5CT3-R600xx	0.6A			360	0.396	234
5CT3-1Axx	1A			230	0.28	280
5CT3-1.6Axx	1.6A			148	2.56	310
5CT3-2Axx	2A			100	1.68	248
5CT3-2.5Axx	2.5A			90	1.48	360
5CT3-3.15Axx	3.15A			49	4.91	215
5CT3-4Axx	4A			38	8.00	220
5CT3-5Axx	5A			29	16.0	200
5CT3-6Axx	6A			24	30.0	150
5CT3-6.3Axx	6.3A			19	48.0	162
5CT3-8Axx	8A			14	64.0	149
5CT3-10Axx	10A			12	90.0	166
5CT3-12Axx	12A	500VDC@300A		9.5	130	160
5CT3-15Axx	15A			7.3	225	165
5CT3-20Axx	20A			5.0	520	150

1 DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 C .

2 Typical Pre-arcing I<sup>2</sup>t are measured at 10In Current.

3 xx= Axial lead length.

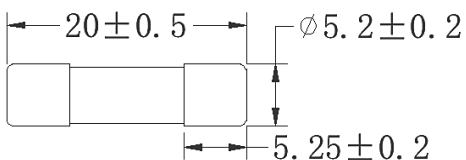
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### Dimension(Unit/mm)

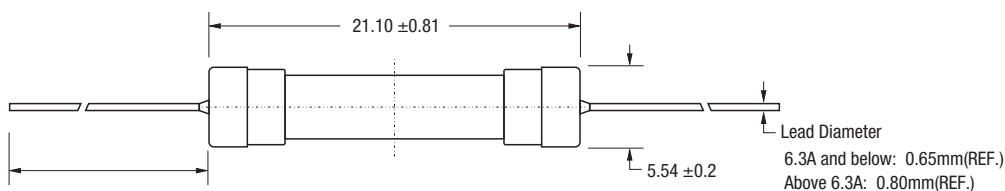
Cylindrical



### Packaging

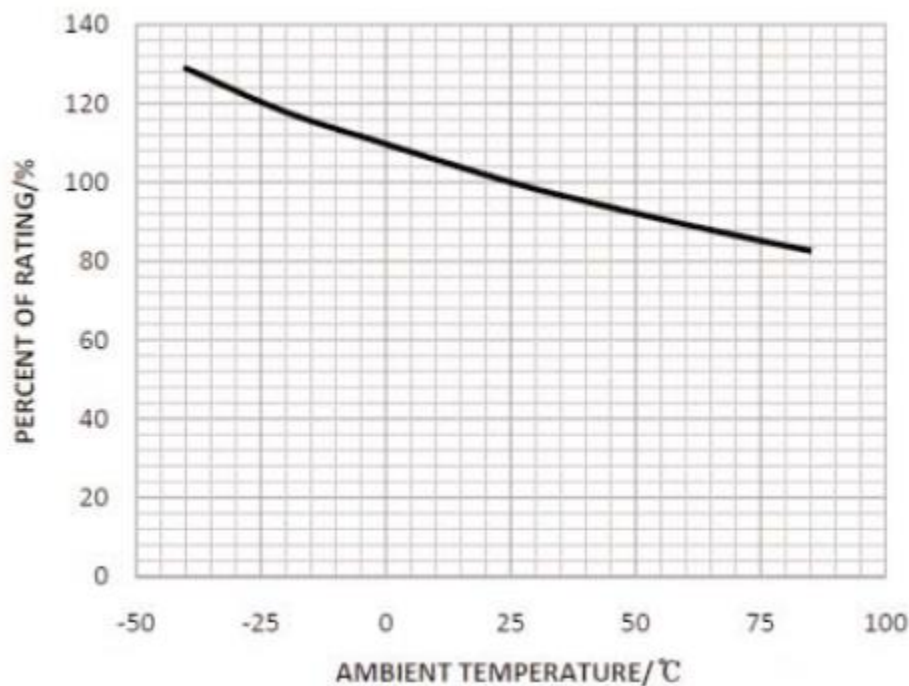
Cylindrical fuses: 500pcs per bag;  
 38 mm Axial Lead Fuses: 50pcs per bag,  
 4 bags/200pcs per box, 4 kpcs per  
 carton.

Axial leaded



The length of the lead  
 38.00 ± 1.0 Ordering P/N: 5CT3-xxx E

### Temperature Derating Curve



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**Time-Current Curves**

