Ceramic Tube Fuses
5CT2 Series
600VAC/500DC/400DC 5x20mm

Description

- Time Delay, high breaking capacity
- 5x20mm physical size
- Ceramic tube, Silver plated copper cap construction
- Lead Free and Halogen free material

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In	3.0In	4.0In	10.0In
< 1A	1 hour min.	N/A	N/A	120sec max	N/A	N/A
1A - 3.15A	1 hour min.	30min. max.	750ms – 80sec	N/A	95ms – 5sec	10ms – 150ms
4A - 6.3A	1 hour min.	30min. max.	750ms – 80sec	N/A	150ms – 5sec	10ms – 150ms
8A - 20A	30min. min.	30min. max.	750ms – 80sec	N/A	150ms – 8sec	10ms – 150ms

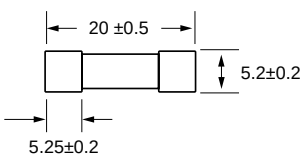
Specifications

Part No.	Rated Voltage		Rated Current	Breaking Capacity (A)			Typical Cold. Resistance (mOhms)	Typical Voltage Drop (mV)	Typical Pre-Arcing I^2t (A^2Sec)
	AC	DC		600Vac	400Vdc	500Vdc			
5CT2-R500	600V	400V/500V	500mA	200A	2000A	300A	382	190	0.326
5CT2-R630			630mA				352	261	0.41
5CT2-R800			800mA				175	144	1.23
5CT2-1A			1A				139	146	1.64
5CT2-1.25A			1.25A				137	138	2.37
5CT2-1.6A			1.6A				57	105	4.45
5CT2-2A			2A				55	130	13
5CT2-2.5A			2.5A				34	93	13.6
5CT2-3.15A			3.15A				28	110	17.8
5CT2-4A			4A				24	118	29
5CT2-5A			5A				19	104	49
5CT2-6.3A			6.3A				13	100	87
5CT2-8A			8A				9	85	181
5CT2-10A			10A				7.8	90	400
5CT2-12A			12A		-		6	80	577
5CT2-15A			15A				4.3	75	917
5CT2-16A			16A				3.2	68	1021
5CT2-20A			20A				3.3	75	1605

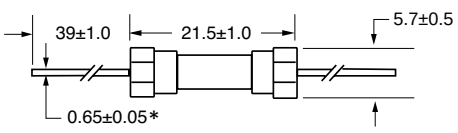
* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃
* Typical Pre-arcing I^2t are measured at 10In Current

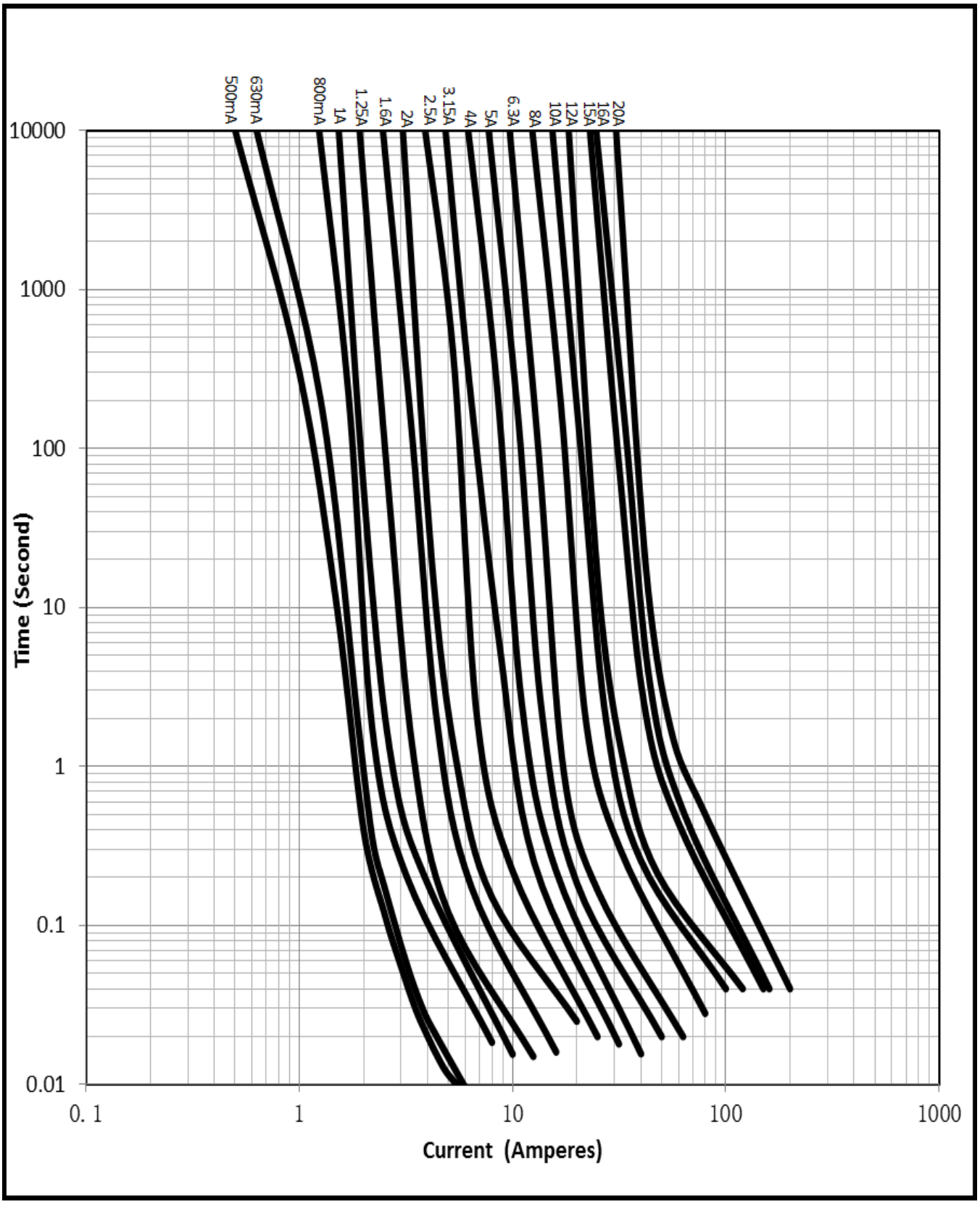
Dimension

5CT2-xx



5CT2-xxE



*Ratings above 6.3A have a maximum 0.81mm diameter

Time Current Characteristics