

Fast Acting | 6x32mm

6CT2 Series

Ceramic Tube Fuses



Description

- Fast Acting, high breaking capacity under 1000VDC/AC
- 6x32mm physical size
- Special Engineering Material tube, Silver plated copper cap construction
- Designed to UL 248-1
- Lead Free and Halogen free material
- For Digital Measuring Instruments

Electrical Characteristics

Current Rating	% of Ampere Rating	Opening Time
0.2A –3A	100%	4hours Min.
	250%	120 sec Max.

Specifications

Part Number	Rated Current (A)	Interrupting @ Rated Voltage(Vdc)	I ² t (A ² S) Melting Pre-arc	Typical Cold Resistance (mΩ)	Typical Voltage Drop (mV) At 1.0In
6CT2-R200	0.2	10kA @ 1000Vac/dc 30kA @ 1000Vac/dc*	0.0031	3900	916
6CT2-R250	0.25		0.009	2755	850
6CT2-R315	0.315		0.050	1875	900
6CT2-R400	0.4		0.059	1845	860
6CT2-R500	0.5		0.081	1160	600
6CT2-R600	0.6		0.178	1030	550
6CT2-R800	0.8		0.256	530	510
6CT2-1A	1	10kA @ 1000Vac/dc	0.21	450	560
6CT2-1.25A	1.25	10kA @ 1000Vdc	1.45	260	550
6CT2-1.6A	1.6		0.8	185	395
6CT2-2A	2		1.25	150	400
6CT2-2.5A	2.5		4.5	88	300
6CT2-3A	3		7.54	60	270

- * DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C
- * Typical Pre-arcing I²t are measured at 10In Current
- * For current rating other than above, please contact ASTM.
- * Self-certified for Breaking Capacity 30kA @ 1000VAC/DC for 800mA and below.

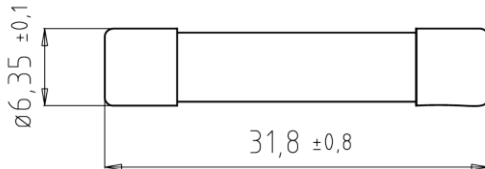
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Dimension

6CT2-xxA Series



Packaging

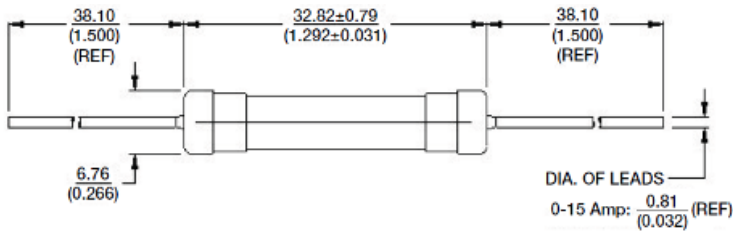
Cartridge:

200mA – 1.6A: 20pcs per carton, 240pcs per box;

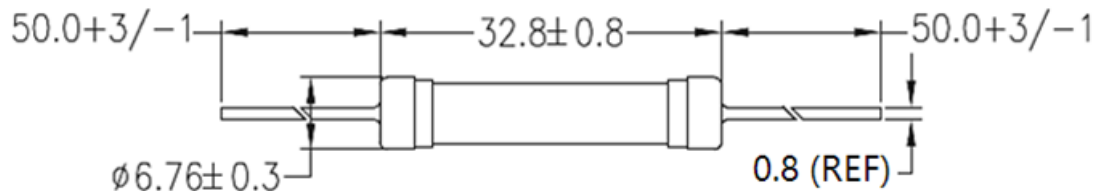
2A – 3A : 250pcs per box.

With 38.1mm lead wire: 200pcs per bag per box, 2kpcs per carton.

6CT2-xxAE Series

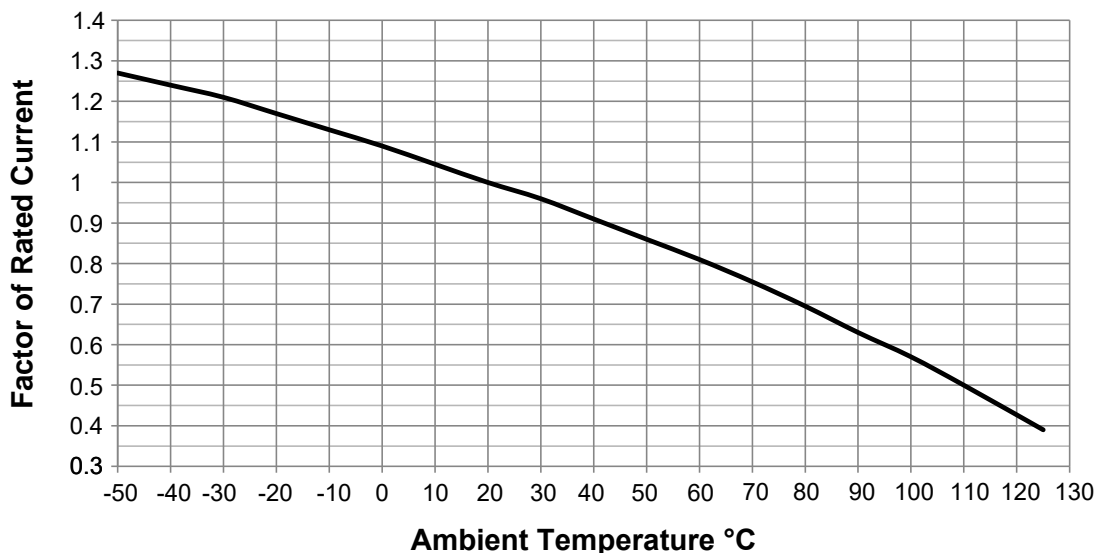


6CT2-xxAME Series



Temperature Re-Rating Curve

Operating Temperature: -40°C to $+125^{\circ}\text{C}$, with proper re-rating factor applied



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Time Current Curve

