



THE DATASHEET OF
0685-3500-S1



Type C1S

Surface Mount Slow Blow Chip Fuse

HF **Pb** C1S Series - 1206 Size

RoHS 6 Compliant

Features

- Slow Blow
- Small size, 1206 SMD
- Current rating from 750mA to 5A
- Wide operating temperature range from -55 °C to 125 °C
- Tape & Reel for automatic SMD placement
- Compatible with reflow and wave soldering
- RoHS 6 compliant (MSL = 1)
- Halogen Free
- Leadfree

Applications

- Notebook
- LCD monitor
- PC computer
- Office electronic equipment
- Industrial equipment
- Medical equipment
- POE, POE+
- LCD / LED monitor
- Power supply
- LCD / LED TV
- DC-DC Converter



LEAD FREE = **Pb**
 HALOGEN FREE = **HF**

Electrical Characteristics (UL STD. 248-14)

Testing Current	Blow Time	
	Minimum	Maximum
100%	4 Hrs.	N/A
200%	1 Sec	120 Sec
300%	0.1 Sec	3 Sec
800%	0.002 Sec	0.05 Sec

Safety Agency Approvals

SAFETY AGENCY	SAFETY AGENCY CERTIFICATE	VOLTAGE RATING (V)	AMPERE RANGE / VOLT @ I.R. ABILITY*
UL US	E20624	750mA - 5A / 63V AC & DC	750mA - 5A / 63V AC & DC @ 50A

* I.R. = INTERRUPTING RATING = SHORT CIRCUIT RATING (AMPS)

Physical Specifications

Materials	Body : Ceramic Substrate
	Terminations : Ag / Ni / Sn (100% Lead-free)
	Element Cover Coating : Lead-free Glass
Marking	On Fuse :
	None
	On Label :
	"bel", "C1S", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "♻️", "Ⓢ" (China RoHS compliant).

Specifications subject to change without notice



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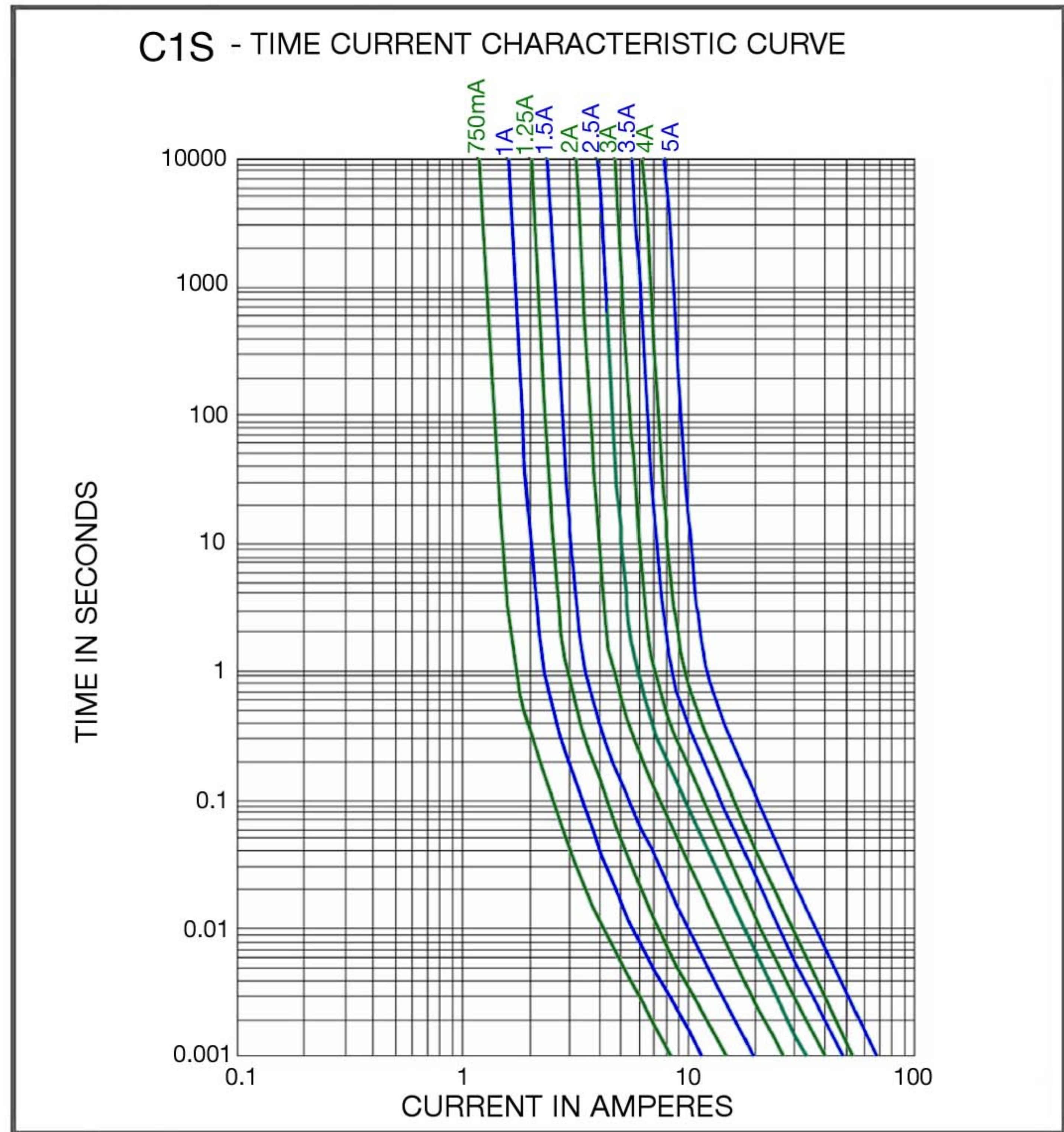
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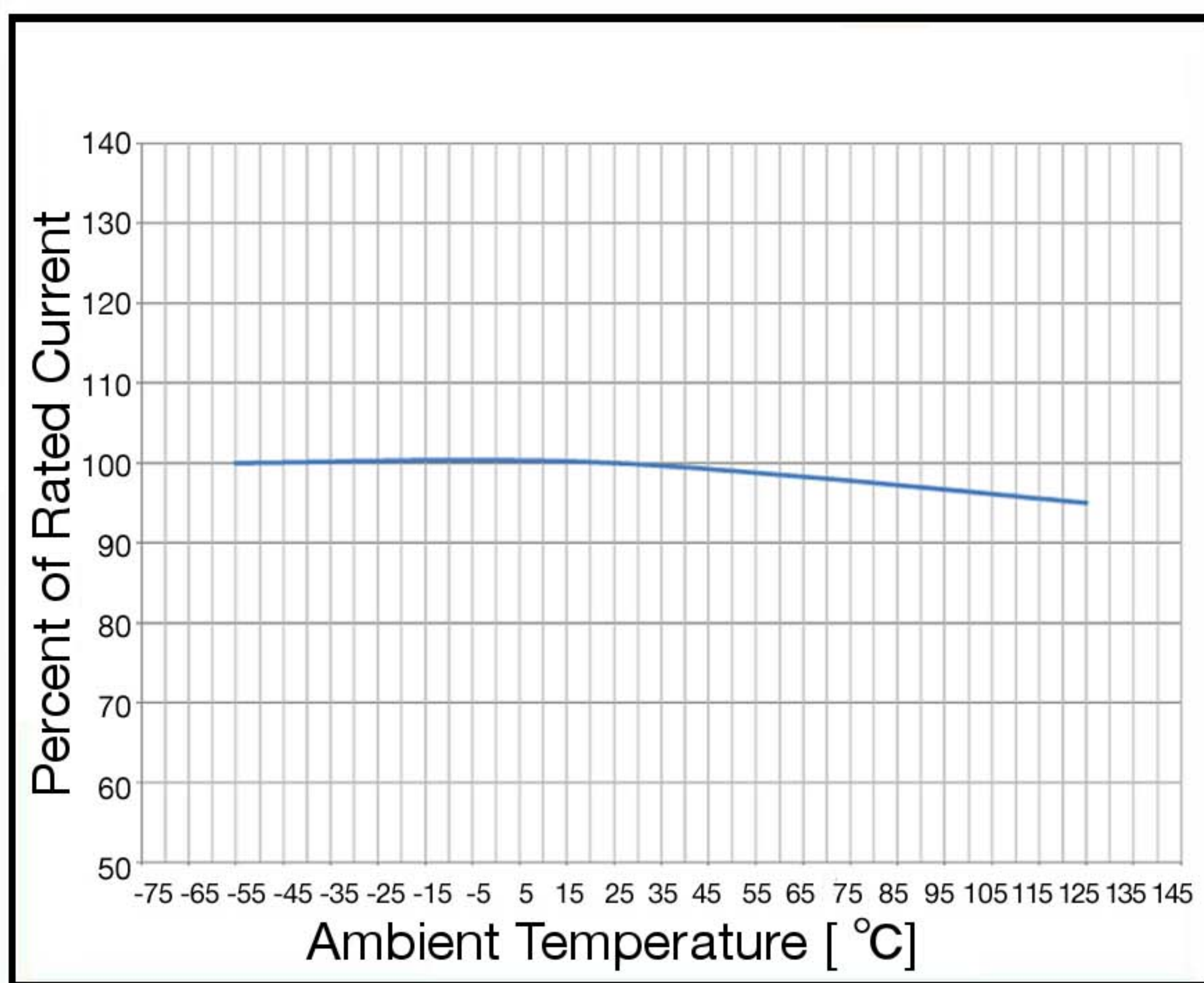
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Average Time Current Curve



Temperature Derating Curve



Electrical Specifications

Catalog Number	Ampere Rating (A)	Nominal Cold Resistance (ohm)	Nominal Volt-drop @100% In (Volt) max.	Voltage and Interrupting Ratings	Melting I ² T @10 In (A ² Sec)	Nominal Power Dissipation @100% In (W)	Agency Approvals
							
C1S 750	750mA	0.350	0.333	See Table of Safety Approvals	0.01	0.25	Y
C1S 1	1A	0.285	0.349		0.05	0.35	Y
C1S 1.25	1.25A	0.225	0.346		0.14	0.43	Y
C1S 1.5	1.5A	0.182	0.348		0.20	0.52	Y
C1S 2	2A	0.125	0.354		0.33	0.70	Y

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