COOPER Bussmann

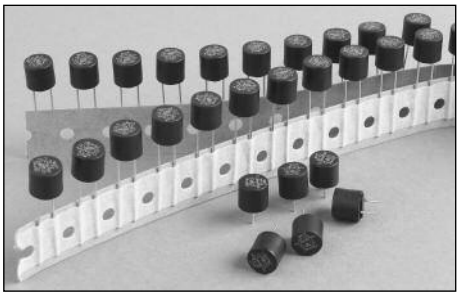
Subminiature Fuses

SR-5 Series, Time Lag

Description

- Radial Leaded Time Lag Thru-Hole Fuse
- Designed to IEC 60127-3, Sheet 4
- Internationally accepted for primary and secondary overcurrent protection
- Place directly into PCB or plug into BK/PCS holder
- High inrush withstand capability
- Compatible with leaded and lead-free reflow and wave solder
- Base/Cap is Nylon #66, UL 94V0
- Pins are Tin Plated Copper

RoHS 2002/95/EC



ELECTRICAL CHARACTERISTICS								
Rated Current	1.5 In min	2.1 In max	2.75 In min	2.75 In max	4 In min	4 In max	10 In min	10 In max
400mA-6.3A	1hr	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms

Agency Information

- UL Recognition: E146895 (400mA thru 6.3A)
- CSA: LR98127 (400mA thru 5A)
- VDE: 122052 (500mA thru 4A, 6.3A)
- SEMKO: 0035176 (500mA thru 4A)
- CCC 2003010207072514 (500mA thru 4A)
- METI: 32-1966 (500mA thru 5A)
- EK: KTL SA05004 (500mA thru 4A)
- Remaining 5-6.3A Approvals Pending

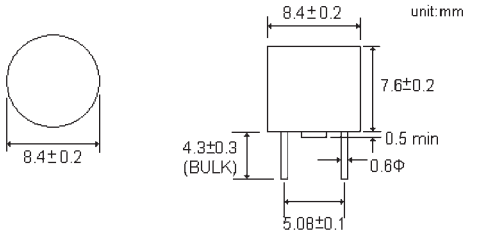
Specifications

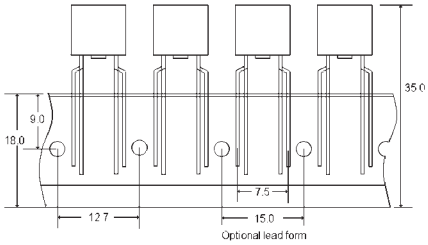
- Solderability: EIA-186-9E Method 9
- High Frequency Vibration: MIL-STD-202F, Method 201A
- Operating Temperature: -40°C to +125°C
- Soldering Heat Resistance: 260°C, 10S (IEC 60068-2-20)

Ordering

- Specify product and packaging code (i.e., SR-5-1A-AP)

Dimensions mm/(inches)

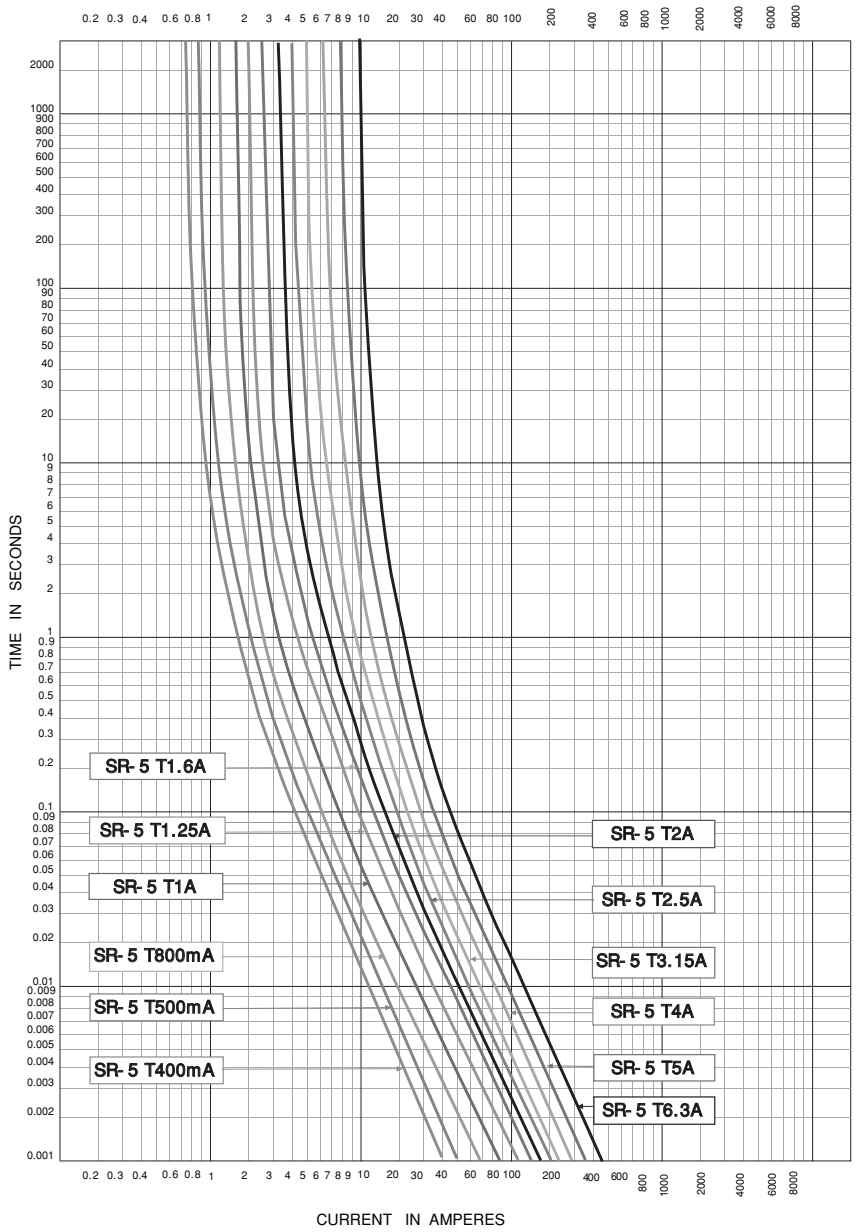




SPECIFICATIONS					
Product Code	Voltage Rating AC	Interrupting Rating @ Rated Voltage	Typical DC Cold Resistance (ohms)	Typical Melting I^2t (A^2s) at 1ms	Maximum Power Dissipation (mW)
SR-5-500mA	250V	35A	0.270	2	310
SR-5-630mA	250V	35A	0.175	3.5	360
SR-5-800mA	250V	35A	0.125	6.5	430
SR-5-1A	250V	35A	0.083	9	500
SR-5-1.25A	250V	35A	0.061	13	600
SR-5-1.6A	250V	35A	0.047	24	730
SR-5-2A	250V	35A	0.031	30	870
SR-5-2.5A	250V	35A	0.028	45	1000
SR-5-3.15A	250V	35A	0.023	57	1200
SR-5-4A	250V	40A	0.015	80	1400
***SR-5-5A**	250V	50A	0.011	120	1800
***SR-5-6.3A**	250V	63A	0.009	140	2000

* Conducting Path min. 0.2mm²

TIME CURRENT CURVE



PACKAGING CODE	
Packaging Code	**Description**
-AP	Ammo-pack taped 1,000 per box
-BK	In bulk 200 per bag

COOPER Bussmann

Visit us on the web at:
www.cooperbussmann.com

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