

# SR-5

## Subminiature time-delay fuses



### Product features

- Radial leaded time-delay 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

### Agency information

- KC: SU05011-9001 3.15 A ~ 6.3 A, SU05011-9002 1 A ~ 2.5 A, SU05011-9003 100 mA, SU05011-9004 125 mA ~ 800 mA
- PSE+JET: JET1641-31007-1001 1 A ~ 5 A, JET1641-31007-1002 6.3 A
- CCC: 200901207370507 100 mA ~ 4 A
- SEMKO: 1412328 100 mA ~ 6.3 A
- cURus: Guide JDYX2, File E306920&E19180 and Guide JDYX8, File E306920&E19180 100 ma ~ 6.3 A
- VDE: File: 122052 100 ma ~ 4 A, 40020046 5 A ~ 6.3 A

### General specifications

- Solderability: EIA-186-9E Method 9
- High frequency vibration: MIL-STD-202F, Method 201A
- Operating temperature: -40 °C to +125 °C (with derating)

### Ordering information

- The ordering code is the part number replacing
- the "." with a "-" plus adding the packaging
- suffix (i.e. SR5-1.25A; SR5-1-25A-BK)

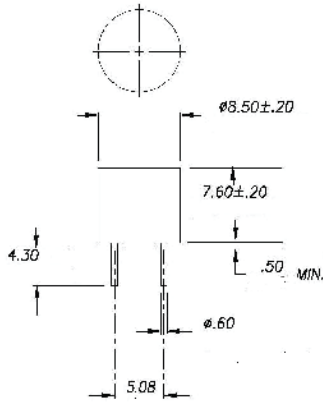
Rated current	Electrical Characteristics									
	1.5 x I <sub>n</sub>		2.1 x I <sub>n</sub>		2.75 x I <sub>n</sub>		4 x I <sub>n</sub>		10 x I <sub>n</sub>	
	min	max	min	max	min	max	min	max	min	max
100 mA-6.3 A	1 hr	2 min	400 mS	10 Sec	150 mS	3 Sec	20 mS	150 mS		

Part number	Voltage rating Vac	Interrupting rating (A) @ rated voltage	Typical DC cold resistance (Ω)	Typical melting** I <sup>2</sup> t (@1mS)	Voltage drop mV @ +20 °C rated current	Agency information					
						VDE	SEMKO	cURus	CCC	KC-Mark	PSE
						SR-5-100mA	250	35	2.37	0.015155	288.5
SR-5-125mA	250	35	1.6	0.026783	238	x	x	x	x	x	
SR-5-160mA	250	35	1.02	0.039097	196.5	x	x	x	x	x	
SR-5-200mA	250	35	0.94	0.168832	215.5	x	x	x	x	x	
SR-5-250mA	250	35	0.66	0.24778	185	x	x	x	x	x	
SR-5-315mA	250	35	0.43	0.2772	152	x	x	x	x	x	
SR-5-400mA	250	35	0.285	0.771618	127	x	x	x	x	x	
SR-5-500mA	250	35	0.242	2	143.5	x	x	x	x	x	
SR-5-630mA	250	35	0.154	3.5	113	x	x	x	x	x	
SR-5-800mA	250	35	0.112	6.5	104.5	x	x	x	x	x	
SR-5-1A	250	35	0.085	7.5	100	x	x	x	x	x	x
SR-5-1.25A	250	35	0.061	13	91	x	x	x	x	x	x
SR-5-1.6A	250	35	0.043	24	102	x	x	x	x	x	x
SR-5-2A	250	35	0.031	30	74.5	x	x	x	x	x	x
SR-5-2.5A	250	35	0.024	45	72.5	x	x	x	x	x	x
SR-5-3.15A	250	35	0.018	57	70.25	x	x	x	x	x	x
SR-5-4A	250	40	0.012	80	62	x	x	x	x	x	x
*SR-5-5A	250	50	0.010	95.4	57.5	x	x	x	x	x	x
*SR-5-6.3A	250	63	0.008	200	60.85	x	x	x	x	x	x

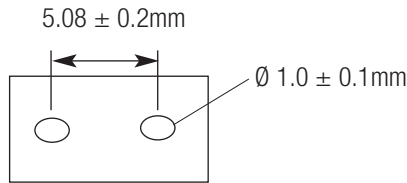
\* Conducting Path min. 0.2mm<sup>2</sup>

\*\* I<sup>2</sup>t value for 100 mA to 400 mA is measured at 100In. I<sup>2</sup>t value for 500 mA to 6.3 A is measured at 10In.

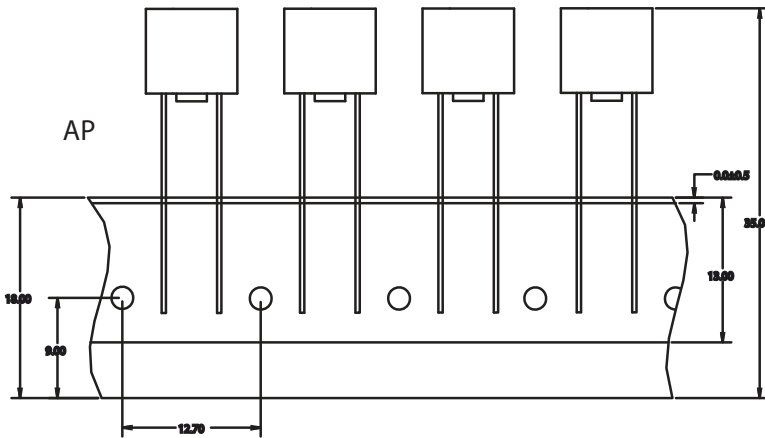
Dimensions – mm



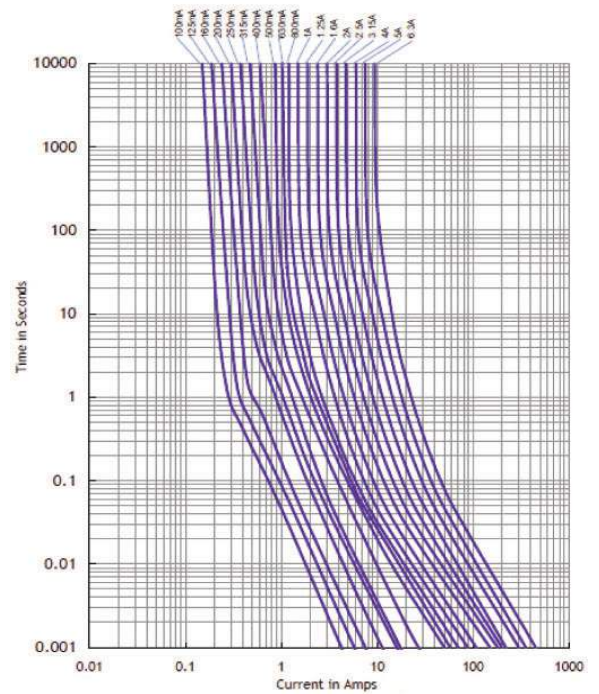
Land Pattern



Packaging Information – mm

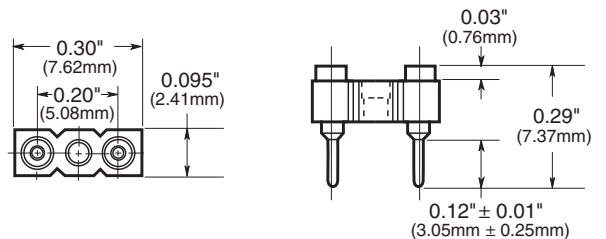


Time-Current Curves



PCS Mounting Socket (RoHS compliant)- mm [in]

- Available as option. Specify catalog number BK-PCS (in bulk 100 per bag)



Packaging Code	
Packaging Code Suffix	Description
-AP	Ammo-pack taped 1000 per box (see Packaging Information for lead configurations)
-BK	In bulk 200 per bag (see Packaging Information for lead configurations)

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