

# SR-5H

## 300 V Subminiature time delay fuses



### Product features

- Radial leaded time-delay thru-hole fuse
- Designed to IEC 60127-3, Sheet 4
- Ideal for electronic lighting
- cURus Recognized at 300 V/100 A
- 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
- Plastic base/cap, UL 94V0

### Agency information

- cURus: File E19180 JDYX2, JDYX8 (400 mA - 4 A)
- EK: SU05011-9005 1 A - 2.5 A, SU05011-9006A (5 A), SU05011-9006 (3.15 A - 4 A)
- PSE+JET: JET1641-31007-1006 (1 A - 5 A)
- CCC: 2009010207369246 (1 A - 4 A)
- CQC: CQC09012036744 (5 A)
- SEMKO: 1414025 (1 A - 5 A)
- VDE: File 40020842 (1 A - 5 A), VDE Acceptance: File 40020843 (5 A)

### General specifications

- Solderability: EIA-186-9E Method 9
- High Frequency Vibration: MIL-STD-202F, Method 201A
- Operating Temperature: -40 °C to +125 °C

### Ordering

- Specify part number and packaging suffix as shown. Replace the "." in the part number with a "-" when ordering

Part number	Packaging suffix
SR-5H-1A	-AP

### Packaging suffixes

#### 250 V Version

- -AP (1000 parts Ammo pack, Pitch =12.7 mm)
- -BK (200 parts in a polybag, Lead L=4.3 ±0.3 mm)
- -BK2 (200 parts in a polybag, Lead L=21 ±3.0 mm)

#### 300 V Version

- -APH (1000 parts Ammo pack, Pitch =12.7 mm)
- -BKH (200 parts in a polybag, Lead L=4.3 ±0.3 mm)
- -BK2H (200 parts in a polybag, Lead L=21 ±3.0 mm)

Rated Current	Electrical Characteristics							
	1.5 I <sub>n</sub>		2.75 I <sub>n</sub>		4 I <sub>n</sub>		10 I <sub>n</sub>	
	min	max	min	max	min	max	min	max
400mA-5A	60 min	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	Voltage drop (mV) @ +20 °C @ rated current	Agency Information					
						VDE	SEMKO	cURus*	CCC	EK-Mark'	PSE*
						SR-5H-400mA	300	100	0.285	0.771618	127
SR-5H-500mA	300	100	0.24	2	143			X			
SR-5H-630mA	300	100	0.162	3.5	120			X			
SR-5H-800mA	300	100	0.113	6.5	107			X			
SR-5H-1A	300	100	0.081	7.5	93	X	X	X	X	X	X
SR-5H-1.25A	300	100	0.06	13	88	X	X	X	X	X	X
SR-5H-1.6A	300	100	0.043	24	85	X	X	X	X	X	X
SR-5H-2A	300	100	0.031	30	74	X	X	X	X	X	X
SR-5H-2.5A	300	100	0.025	45	75	X	X	X	X	X	X
SR-5H-3.15A	300	100	0.018	57	73	X	X	X	X	X	X
SR-5H-4A	300	100	0.013	80	65	X	X	X	X	X	X
SR-5H-5A	300	100	0.007	115	45	X**	X	X	X***	X	X
SR-5H-6.3A	300	100	0.007	166	56						

\* cURus: 400mA -5A @ 300Vac/100A; PSE: 1 - 5A @ 300Vac/100A

\* Voltage rating 250Vac

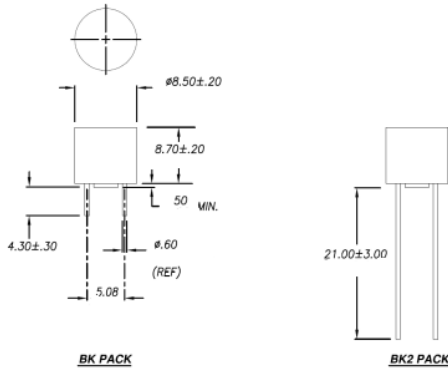
\*\* VDE Acceptance

\*\*\* CQC

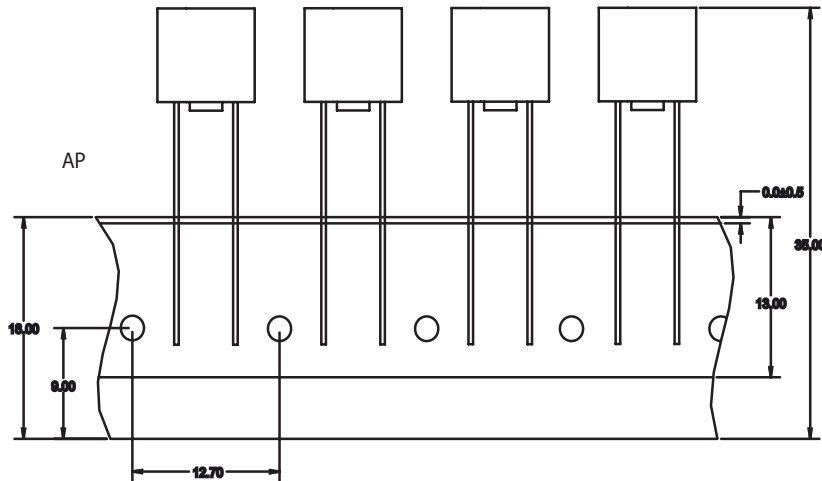


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Dimensions / Packaging Information – mm

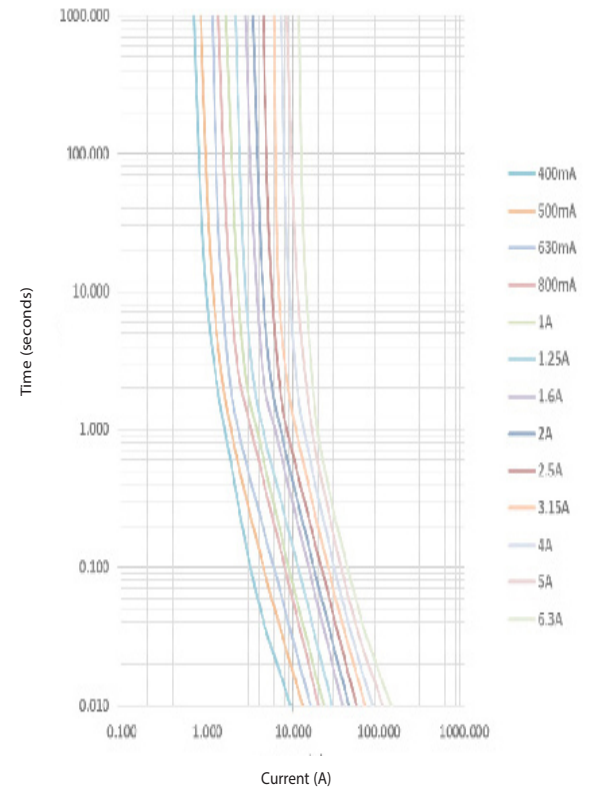


Dimensions / Packaging Information – mm



Packaging Suffix	
Packaging Code	Description
-BK	200 fuses in polybag, Lead L=4.3±0.3
-BK2	200 fuses in polybag, Lead L=21±3.0
-AP	1000 fuses, ammo-pack, pitch=12.7

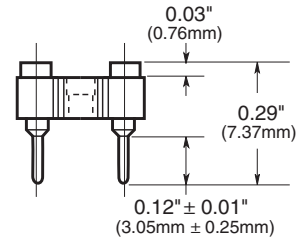
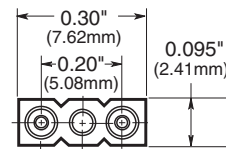
Time-Current Curves



PCS Mounting Socket (RoHS compliant)

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

(PC )



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