

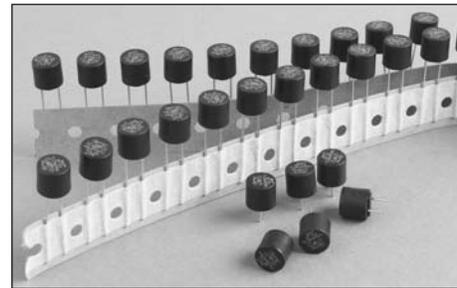
# Subminiature Fuses

## SR-5F Series, Fast-Acting



### Description

- Fast-acting, low breaking capacity subminiature fuse
- Plastic cap and base, flammability UL 94V0
- Lead wire with tin-plated copper, diameter 0.6mm
- Protects against harmful overcurrents in primary and secondary applications
- Small radial-leaded design minimizes board space and eliminates need for additional mounting components (BK/PCS holder optional if field replacement is desirable)
- Designed to UL 248-14



Electrical Characteristics			
Rated Current	1 x I <sub>n</sub> min	1.5 x I <sub>n</sub> max	2 x I <sub>n</sub> max
800mA-10A	4hr	10 min	2 min

### Agency Information

- UL Listed: File E19180 JDXY1, JDYX7
- PSE: File JET5766-31007-1001, File JET5766-31007-1002

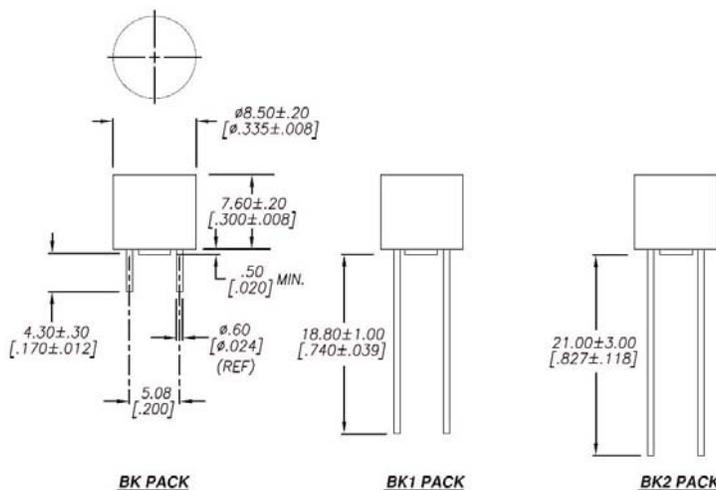
### Specifications

- 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, 10 sec. max. (IEC 60068-2-20)

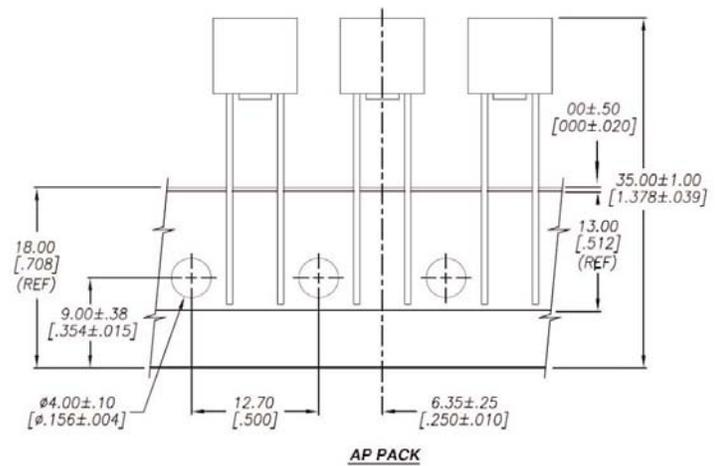
### Ordering

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

### Dimensions - mm / [inches]



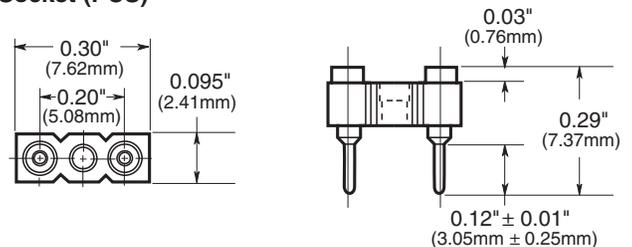
### Packaging - mm / [inches]



### Mounting Socket (RoHS compliant)

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

### Socket (PCS)



## Specifications

Catalog Number	Voltage Rating (Vac)	Interrupting Rating (amps) @ Rated Voltage (50Hz)**	Typical DC Cold Resistance ( $\Omega$ )***	Typical Melting I <sup>2</sup> t†	Maximum Voltage Drop@1I <sub>n</sub> (mV)‡	Maximum Power Dissipation @ 1In(mW)†††	Agency Approvals	
							cULus	PSE
SR-5F-800mA	250	50	0.245	1.5	400	320	X	
SR-5F-1A	250	50	0.171	2.6	400	400	X	X
SR-5F-1.25A	250	50	0.116	4.4	330	413	X	X
SR-5F-1.6A	250	50	0.076	6.9	330	528	X	X
SR-5F-2A	250	50	0.058	9	330	660	X	X
SR-5F-2.5A	250	50	0.049	15	330	825	X	X
SR-5F-3.15A	250	50	0.037	23.2	330	1040	X	X
SR-5F-4A	250	50	0.026	35.4	330	1320	X	X
*SR-5F-5A	250	50	0.018	55	250	1250	X	X
*SR-5F-6.3A	125	50	0.015	75	250	1575	X	X
*SR-5F-7A	125	50	0.011	107	250	1750	X	X
*SR-5F-8A	125	50	0.010	120	200	1600	X	X
*SR-5F-10A	125	50	0.007	145	200	2000	X	X

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

\*\*Interrupting ratings measured at 50A, 95%-100% of PF on AC.

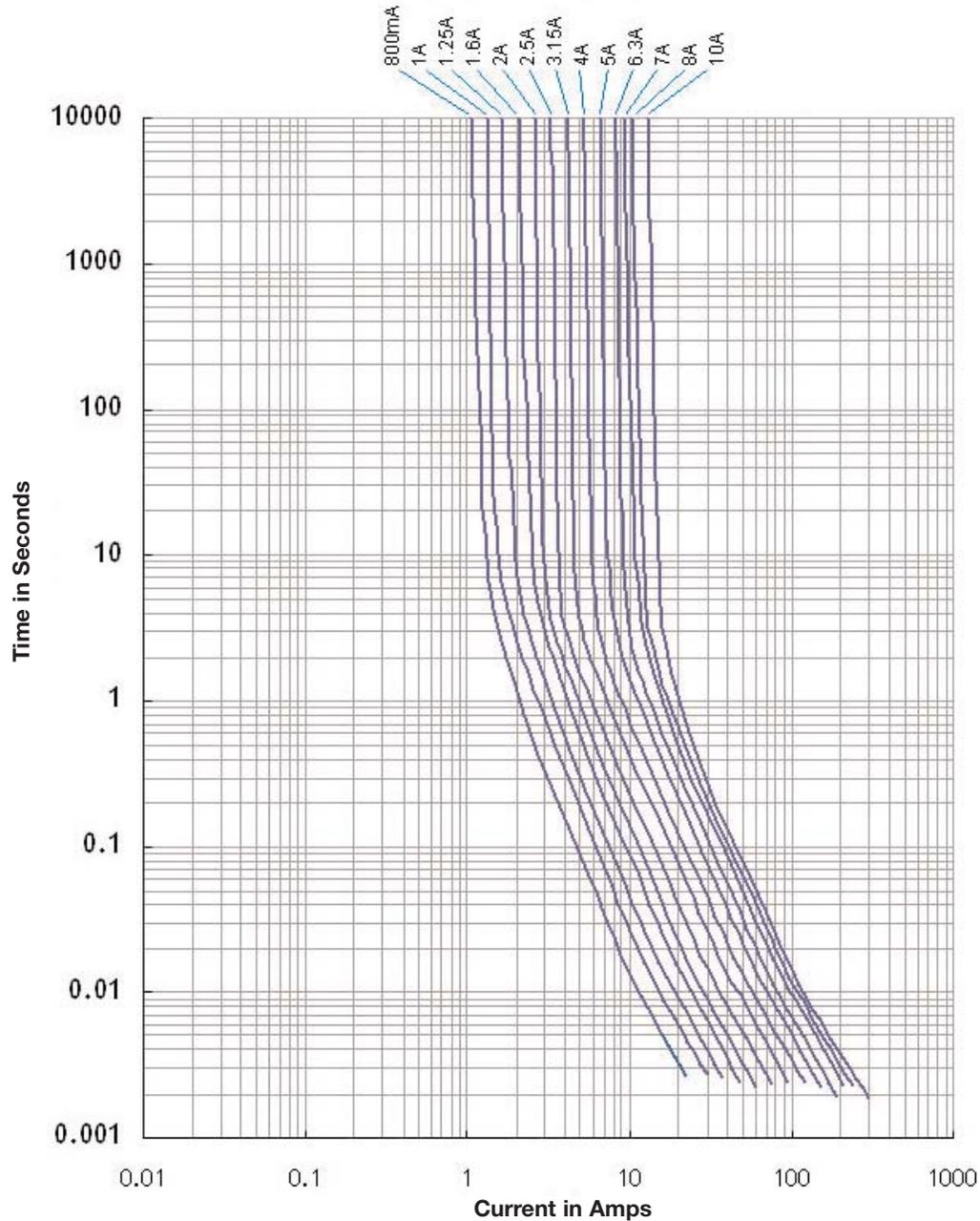
\*\*\*Typical DC Cold Resistance measured at <10% of rated current.

†Typical Melting I<sup>2</sup>t measured at 10I<sub>n</sub>.

‡ Maximum Voltage Drop measured at 20°C ambient temperature at rated current.

†††Maximum Power Dissipation measured at 20°C ambient temperature at rated current.

## Time-Current Curve



Packaging Code	
Packaging Suffix	Description
-BK	200 fuses in polybag, Lead L = $4.3 \pm 0.3$
-BK1	200 fuses in polybag, Lead L = $18.8 \pm 1.0$
-BK2	200 fuses in polybag, Lead L = $21 \pm 3.0$
-AP	1000 fuses Ammo Pack, Pitch = 12.7
-AP1	1000 fuses Ammo Pack, Pitch = 15

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