

# SR-5F

## Subminiature fast acting fuses



### Product features

- Fast-acting, low breaking capacity subminiature fuse
- Plastic cap and base, flammability UL 94V0
- Lead wire with tin-plated copper, diameter 0.6 mm
- 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

### 3YWLK [ Xqd Sf[a`

- UL Listed: File E19180 JDXY1, JDXY7
- PSE: File JET5766-31007-1001, File JET5766-31007-1002

### Environmental data

- 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 information

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

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

Specifications								
Catalog Number	Voltage Rating (Vac)	Interrupting Rating (amps) @ Rated Voltage (50Hz)**	Typical DC Cold Resistance (Ω)**	Typical Melting I <sup>2</sup> t†	Maximum Voltage Drop@1h (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. 0.2 mm<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.

**Dimensions - mm / [inches]**



**Mounting Socket (RoHS compliant)**

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

**Socket (PCS)**



**Packaging - mm / [inches]**



**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

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Printed in USA  
Publication No. 4073 BU-SB07219  
June 2017