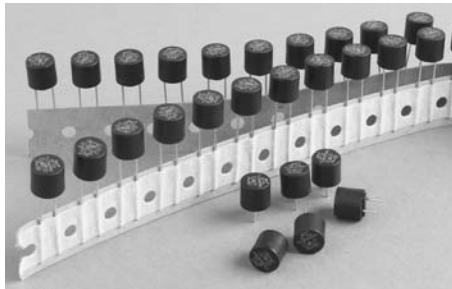


SR-5F

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

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- 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 _n min | 1.5 xI _n max | 2 xI _n 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 ² 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 mm².

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

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

†Typical Melting I²t measured at 10I_n.

‡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 ± 0.3 |
| -BK1 | 200 fuses in polybag, Lead L = 18.8 ± 1.0 |
| -BK2 | 200 fuses in polybag, Lead L = 21 ± 3.0 |
| -AP | 1000 fuses Ammo Pack, Pitch = 12.7 |

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