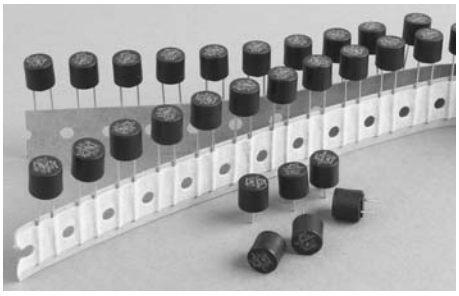
# SR-5F

## Subminiature fastŝacting 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 minmizes board space and eliminates need for additional mounting components (BK/PCS holder optional if field replacement is desirable)
- Designed to UL 248-14

### ?ec l aw g l dmp k _rgm l

- UL Listed: File E19180 JDXY1, JDYX7
- 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)

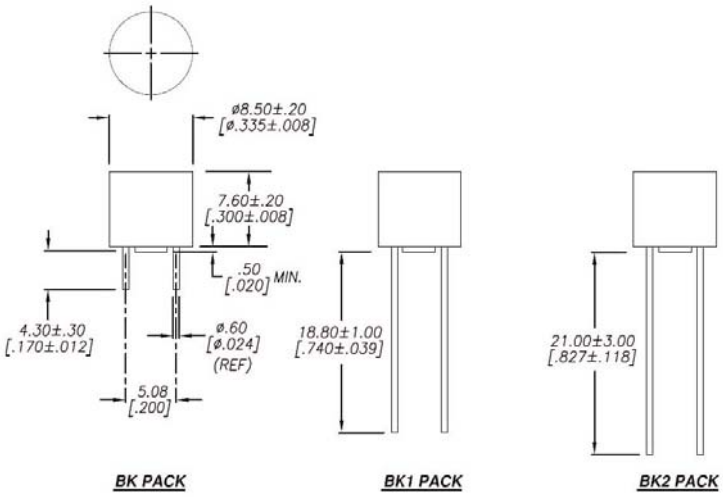
| Electrical Characteristics | | | |
|---|---|---|---|
| Rated Current | 1 x $I_n$ min | 1.5 x $I_n$ max | 2 x $I_n$ max |
| 800mA-10A | 4hr | 10 min | 2 min |

**Specifications**

| Catalog Number | Voltage Rating (Vac) | Interrupting Rating (amps) @ Rated Voltage (50Hz)** | Typical DC Cold Resistance (Ω)*** | Typical Melting $I^2t$† ($A^2S$)† | Maximum Voltage Drop@1$I_n$ (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 $mm^2$.
**Interrupting ratings measured at 50A, 95%-100% of PF on AC.
***Typical DC Cold Resistance measured at <10% of rated current.
†Typical Melting $I^2t$ measured at 10$I_n$.
‡ Maximum Voltage Drop measured at 20°C ambient temperature at rated current.
†††Maximum Power Dissipation measured at 20°C ambient temperature at rated current.

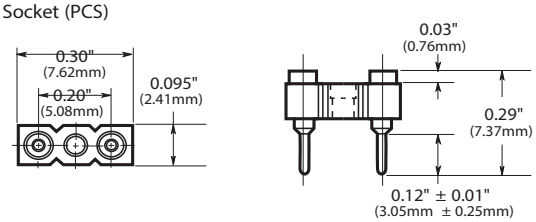
## Dimensions - mm / [inches]



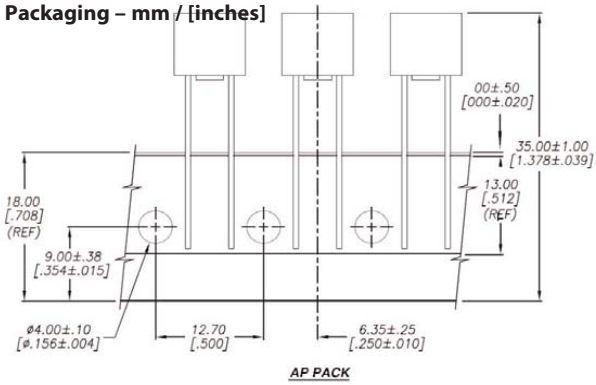

**Mounting Socket (RoHS compliant)**

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

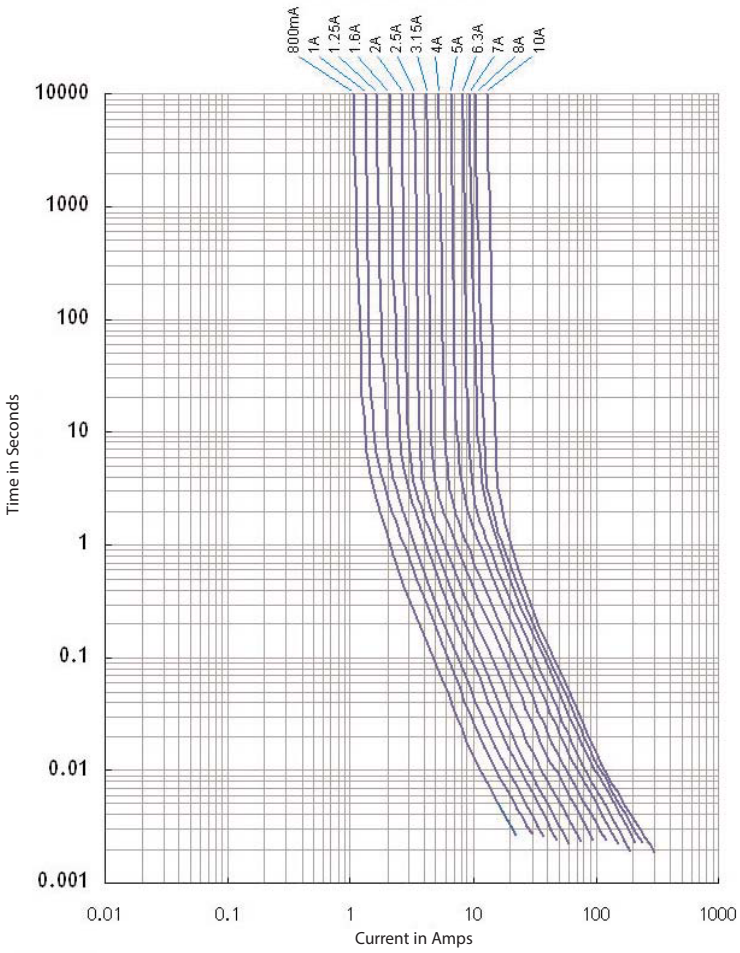
Socket (PCS)




**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 |
| | |

Life Support Policy: Eaton does not authorize the use of any of its products for use in life support devices or systems without the express written approval of an officer of the Company. Life support systems are devices which support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin.

**Eaton**
**Electronics Division**
1000 Eaton Boulevard
Cleveland, OH 44122
United States
www.eaton.com/electronics

© 2017 Eaton
All Rights Reserved
Printed in USA
Publication No. 4073 BU-SB07219
June 2017

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Powering Business Worldwide

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

**Данный компонент на территории Российской Федерации**

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

**Офис по работе с юридическими лицами:**

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9