


















Bourns® SinglFuse™ SMD Fuse Product Guide

GENERAL PURPOSE SINGLFUSE™ SMD FUSES







0402 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-0402FP-F		200 % I _F in 5 sec.	0.2 A 35 VDC 5 A	-55 °C to +90 °C	UL
SF-0402F		200 % I _F in 60 sec.	0.315 A 32 VDC 4 A	-20 °C to +105 °C	UL
SF-0402FP		200 % I _F in 5 sec.	0.5 A 32 VDC 4 A	-20 °C to +105 °C	UL
SF-0402FR		200 % I _F in 5 sec.	0.63 A 32 VDC 5 A	-20 °C to +105 °C	UL
SF-0402S		250 % I _F in 5 sec.	0.5 A 32 VDC 4 A	-20 °C to +105 °C	UL
SF-0402S-M		250 % I _F in 5 sec.	0.5 A 24 VDC 4 A	-55 °C to +125 °C	UL

0603 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-0603FP-F		200 % I _F in 5 sec.	0.15 A 35 VDC 5 A	-55 °C to +90 °C	UL
SF-0603HI-F		200 % I _F in 60 sec.	0.5 A 35 VDC 4 A	-55 °C to +90 °C	UL
SF-0603F		200 % I _F in 60 sec.	0.4 A 32/50 VDC 4 A	-20 °C to +105 °C	UL
SF-0603FP		200 % I _F in 5 sec.	0.5 A 32/50 VDC 5 A	-20 °C to +105 °C	UL
SF-0603S		250 % I _F in 5 sec.	0.4 A 32/50 VDC 6 A	-20 °C to +105 °C	UL
SF-0603SP		200 % I _F in 1 – 120 sec.	0.5 A 32/50 VDC 6 A	-20 °C to +105 °C	UL
SF-0603SP-R		200 % I _F in 1 – 120 sec.	1 A 50/63 VDC 8 A	-55 °C to +125 °C	UL
SF-0603FP-M		200 % I _F in 5 sec.	0.5 A 32 VDC 5 A	-55 °C to +125 °C	UL
SF-0603HI-M		200 % I _F in 60 sec.	1 A 32 VDC 8 A	-55 °C to +125 °C	UL
SF-0603S-M		250 % I _F in 5 sec.	0.5 A 24/32/63 VDC 6 A	-55 °C to +125 °C	UL
SF-0603SP-M		200 % I _F in 1 – 120 sec.	1 A 32 VDC 8 A	-55 °C to +125 °C	UL








1206 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-1206F		200 % I _F in 60 sec.	0.5 A 32/63 VDC 7 A	-20 °C to +105 °C	UL
SF-1206FP		200 % I _F in 5 sec.	0.5 A 32/63 VDC 7 A	-20 °C to +105 °C	UL
SF-1206S		250 % I _F in 5 sec.	0.5 A 32/63 VDC 7 A	-20 °C to +105 °C	UL
SF-1206SP		200 % I _F in 1 – 120 sec.	0.5 A 32/63 VDC 7 A	-20 °C to +105 °C	UL
SF-1206S-R		250 % I _n in 5 sec.	10 A 32 VDC 20 A	-55 to +125 °C	UL
SF-1206HH-R		350 % I _n in 1 sec.	8 A 50 VDC 30 A	-55 to +150 °C	UL







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GENERAL PURPOSE SINGLFUSE™ SMD FUSES






1206 FOOTPRINT (Continued)

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-1206F-M		200 % I _F in 60 sec.	2.5 A 48/65 VDC 8 A	-55 °C to +125 °C	UL
SF-1206HI-M		200 % I _r in 60 sec.	0.5 A 24/32/63 VDC 8 A	-55 °C to +125 °C	UL
SF-1206S-M		250 % I _F in 5 sec.	0.5 A 24/32/63 VDC 8 A	-55 °C to +125 °C	UL
SF-1206SP-M		200 % I _F in 1 – 120 sec.	1 A 24/32/63 VDC 8 A	-55 °C to +125 °C	UL
SF-1206HH-M		350 % I _F in 5 sec.	10 A 24 VDC 30 A	-55 °C to +125 °C	UL
SF-1206HV-M		350 % I _F in 5 sec.	10 A 35 VDC 40 A	-55 °C to +125 °C	UL
SF-1206S-W		250 % I _F in 5 sec.	1.5 A 32/65 VDC 15 A	-55 °C to +125 °C	UL / TÜV


2410 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-2410FP-W		200 % I _F in 5 sec.	0.5 A 125 VDC – 125/250VAC 10 A	-55 °C to +125 °C	UL / TÜV
SF-2410F-W		200 % I _F in 20 sec.	12 A 65 VDC – VAC 20 A	-55 °C to +125 °C	UL
SF-2410SP-W		200 % I _F in 1 – 120 sec.	0.5 A 250 VAC 2 A	-55 °C to +125 °C	UL / VDE
SF-2410FP-T		200 % I _F in 5 sec.	62 mA 125 VAC 10 A	-55 °C to +125 °C	UL
SF-2410F-T		200 % I _F in 60 sec.	12 A 65/86 VDC – VAC 25 A	-55 °C to +125 °C	UL
SF-2410HI-T		200 % I _F in 60 sec.	0.375 A 125 VAC 7 A	-55 °C to +125 °C	UL

3812 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-3812FG-T		200 % I _F in 60 sec.	20 A 125 VAC 30 A	-55 °C to +125 °C	UL
SF-3812TL-T		250 % I _F in 120 sec.	0.5 A 250 VAC 5 A	-55 °C to +125 °C	UL / TÜV
SF-3812SP-T		200 % I _F in 120 sec.	1.25 A 250 VAC	-55 °C to +125 °C	UL / TÜV
SF-3812F-T		200 % I _F in 60 sec.	10 A 250 VAC 60 A	-55 °C to +125 °C	UL
SF-3812TM-T		250 % I _F in 1 – 120 sec.	0.5 A 600 VAC 2 A	-55 °C to +125 °C	UL

2923 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-2923HC-C		250 % I _F in 60 sec.	20 A 60 VDC 50 A	-55 °C to +125 °C	UL

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AUTOMOTIVE GRADE* SINGLFUSE™ SMD FUSES



0603 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-0603SPA-R		200 % I _r in 1 – 120 sec.	1 A 50/63 VDC 8 A	–55 °C to +150 °C	UL / TÜV
SF-0603HIA-M		200 % I _r in 1 – 60 sec.	1 A 32 VDC 5 A	–55 °C to +125 °C	UL
SF-0603SA-M		250 % I _r in 5 sec.	0.5 A 24/32/65 VDC 8 A	–55 °C to +150 °C	UL

1206 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-1206SA-R		250 % I _r in 5 sec.	10 A 32 VDC 20 A	–55 °C to +150 °C	UL
SF-1206HHA-R		350 % I _r in 1 sec.	8 A 50 VDC 30 A	–55 °C to +125 °C	UL
SF-1206HIA-M		200 % I _r in 60 sec.	0.5 A 24/32/65 VDC 6 A	–55 °C to +150 °C	UL
SF-1206SA-M		250 % I _r in 5 sec.	0.5 A 65 VDC 5 A	–55 °C to +150 °C	UL
SF-1206SA-W		250 % I _r in 5 sec.	1.5 A 32/65/110 VDC 15 A	–55 °C to +125 °C	UL

2410 FOOTPRINT

Model Series	Photo	Fusing Characteristic	Rated Current/Voltage	Rated Temperature	Agency Recognition
SF-2410FPA-W		200 % I _r in 5 sec.	1 A 125/250 VAC 10 A	–55 °C to +125 °C	UL
SF-2410FA-W		200 % I _r in 20 sec.	12 A 65 VDC 20 A	–55 °C to +125 °C	UL

* Meets Bourns' internal AEC-Q200 equivalent test plan

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