























Bourns® SinglFuse™ SMD Fuses Product Guide









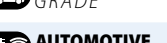
0402 FOOTPRINT SINGLFUSE™ SMD FUSES

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-0402F		0402		200 % I _F in 60 sec.	315 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
SF-0402FP		0402		200 % I _F in 5 sec.	500 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
SF-0402FP-F		0402		300 % I _F in 5 sec. 200 % I _F in 5 sec.	200 mA – 5 A	35 VDC	–55 °C to +90 °C	UL
SF-0402FR		0402		200 % I _F in 5 sec.	630 mA – 5 A	32 VDC	–20 °C to +105 °C	UL
SF-0402S		0402		250 % I _F in 5 sec.	500 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
SF-0402S-M		0402		250 % I _F in 5 sec.	500 mA – 4 A	24 VDC	–55 °C to +125 °C	UL














0603 FOOTPRINT SINGLFUSE™ SMD FUSES

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-0603F		0603		200 % I _F in 60 sec.	400 mA – 5 A	32 – 50 VDC	–20 °C to +105 °C	UL
SF-0603FP		0603		200 % I _F in 5 sec.	500 mA – 5 A	32 – 50 VDC	–20 °C to +105 °C	UL
SF-0603FP-M		0603		200 % I _F in 5 sec.	500 mA – 5 A	32 VDC	–55 °C to +125 °C	UL
SF-0603FP-F		0603		200 % I _F in 5 sec.	150 mA – 5 A	35 – 65 VDC	–55 °C to +90 °C	UL
SF-0603S		0603		250 % I _F in 5 sec.	400 mA – 6 A	32 – 50 VDC	–20 °C to +105 °C	UL
SF-0603S-M		0603		250 % I _F in 5 sec.	500 mA – 6 A	24 – 63 VDC	–55 °C to +125 °C	UL
SF-0603SA-M		0603	 AUTOMOTIVE GRADE	250 % I _F in 5 sec.	0.5 A – 8 A	24 – 65 VDC	–55 °C to +150 °C	UL
SF-0603SP		0603		200 % I _F in 1 – 120 sec.	500 mA – 6 A	32 – 50 VDC	–20 °C to +105 °C	UL
SF-0603SP-M		0603		200 % I _F in 1 – 120 sec.	1 A – 8 A	32 VDC	–55 °C to +125 °C	UL
SF-0603SPA-R		0603	 AUTOMOTIVE GRADE	200 % I _F in 1 – 120 sec.	1 A – 8 A	50/63 VDC	–55 °C to +150 °C	UL / TÜV
SF-0603HI-M		0603		200 % I _F in 60 sec.	1 A – 8 A	32 VDC	–55 °C to +125 °C	UL
SF-0603HIA-M		0603	 AUTOMOTIVE GRADE	200 % I _F in 1 – 60 sec.	1 A – 5 A	32 VDC	–55 °C to +125 °C	UL
SF-0603HI-F		0603		200 % I _F in 60 sec.	500 mA – 4 A	35 – 65 VDC	–55 °C to +90 °C	UL












1206 FOOTPRINT SINGLFUSE™ SMD FUSES

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-1206F		1206		200 % I _F in 60 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
SF-1206F-M		1206		200 % I _F in 60 sec. 350 % I _F in 5 sec.	2.5 A – 8 A	48 – 65 VDC	–55 °C to +125 °C	UL
SF-1206FP		1206		200 % I _F in 5 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
SF-1206S		1206		250 % I _F in 5 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
SF-1206S-M		1206		250 % I _F in 5 sec.	500 mA – 8 A	32 – 63 VDC	–55 °C to +125 °C	UL
SF-1206SA-M		1206	 AUTOMOTIVE GRADE	250 % I _F in 5 sec.	0.5 A – 5 A	65 VDC	–55 °C to +150 °C	UL
SF-1206SA-R		1206	 AUTOMOTIVE GRADE	250 % I _F in 5 sec.	10 A – 20 A	32 VDC	–55 °C to +150 °C	UL






1206 FOOTPRINT SINGLUSE™ SMD FUSES (CONTINUED)

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-1206S-W		1206		250 % I _r in 5 sec.	1.5 A – 15 A	32 – 65 VDC	–55 °C to +125 °C	UL / TÜV
SF-1206SA-W		1206		250 % I _r in 5 sec.	1.5 A – 15 A	32 – 110 VDC	–55 °C to +125 °C	UL
SF-1206SP		1206		200 % I _r in 1 – 120 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
SF-1206SP-M		1206		200 % I _r in 1 – 120 sec.	1 A – 8 A	24 – 63 VDC	–55 °C to +125 °C	UL
SF-1206HI-M		1206		350 % I _r in 5 sec. 200 % I _r in 60 sec.	500 mA – 8 A	24 – 63 VDC	–55 °C to +125 °C	UL
SF-1206HIA-M		1206		350 % I _r in 5 sec. 200 % I _r in 60 sec.	500 mA – 6 A	24 – 65 VDC	–55 °C to +150 °C	UL
SF-1206HH-M		1206		350 % I _r in 5 sec.	10 A – 30 A	24 VDC	–55 °C to +125 °C	UL
SF-1206HH-R		1206		250 % I _r in 5 sec. 350 % I _r in 60 sec.	8 – 20 A 8 – 30 A	50 VDC	–55 °C to +150 °C	UL
SF-1206HHA-R		1206		250 % I _r in 5 sec. 350 % I _r in 60 sec.	8 – 20 A 8 – 30 A	50 VDC	–55 °C to +125 °C	UL
SF-1206HV-M		1206		350 % I _r in 5 sec.	10 A – 40 A	35 VDC	–55 °C to +125 °C	UL

2410 & 2923 FOOTPRINT SINGLUSE™ SMD FUSES

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-2410F-W		2410		200 % I _r in 20 sec.	12 A – 20 A	65 VAC/VDC	–55 °C to +125 °C	UL
SF-2410FA-W		2410		200 % I _r in 20 sec.	12 A – 20 A	65 VDC	–55 °C to +125 °C	UL
SF-2410F-T		2410		200 % I _r in 60 sec.	12 A – 40 A	65 – 86 VAC/VDC	–55 °C to +125 °C	UL
SF-2410FP-W		2410		200 % I _r in 5 sec.	500 mA – 10 A	250 VAC/125 VDC	–55 °C to +125 °C	UL / TÜV
SF-2410FPA-W		2410		200 % I _r in 5 sec.	1 A – 10 A	125 – 250 VDC	–55 °C to +125 °C	UL
SF-2410FP-T		2410		200 % I _r in 5 sec.	62 mA – 10 A	125 VAC	–55 °C to +125 °C	UL
SF-2410SP-W		2410		200 % I _r in 1 – 120 sec.	500 mA – 2 A	250 VAC	–55 °C to +125 °C	UL / VDE
SF-2410HI-T		2410		200 % I _r in 60 sec.	375 mA – 7 A	125 VAC	–55 °C to +125 °C	UL
SF-2923HC-C		2923		250 % I _r in 60 sec.	20 A – 50 A	60 VDC	–55 °C to +125 °C	UL

3812 FOOTPRINT SINGLUSE™ SMD FUSES

Model Series	Photo	Footprint	Automotive Grade*	Fusing Characteristic	Rated Current	Rated Voltage	Rated Temperature	Agency Recognition
SF-3812F-T		3812		200 % I _r in 60 sec.	10 A – 60 A	250 VAC	–55 °C to +125 °C	UL
SF-3812FG-T		3812		200 % I _r in 60 sec.	20 A – 30 A	125 VAC	–55 °C to +125 °C	UL
SF-3812SP-T		3812		200 % I _r in 120 sec.	1.25 A	250 VAC	–55 °C to +125 °C	UL / TÜV
SF-3812TL-T		3812		250 % I _r in 120 sec.	500 mA – 5 A	250 VAC	–55 °C to +125 °C	UL / TÜV
SF-3812TM-T		3812		250 % I _r in 1 – 120 sec.	500 mA – 2 A	600 VAC	–55 °C to +125 °C	UL

* Meets Bourns' internal AEC-Q200 equivalent test plan