








# Bourns® SinglFuse™ Product Guide









## 0402 FOOTPRINT SINGLFUSE™ SMD FUSES

Model Series	Photo	Footprint	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-0402F</a>		0402	Fast Acting	200 % I <sub>F</sub> in 60 sec.	315 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0402FP</a>		0402	Fast Acting Precision	200 % I <sub>F</sub> in 5 sec.	500 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0402FP-F</a>		0402	Fast Acting Precision	300 % I <sub>F</sub> in 5 sec. 200 % I <sub>F</sub> in 5 sec.	200 mA – 5 A	35 VDC	–55 °C to +90 °C	UL
<a href="#">SF-0402S</a>		0402	Slow Blow	250 % I <sub>F</sub> in 5 sec.	500 mA – 4 A	32 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0402S-M</a>		0402	Slow Blow	250 % I <sub>F</sub> in 5 sec.	500 mA – 4 A	24 VDC	–55 °C to +125 °C	UL







## 0603 FOOTPRINT SINGLFUSE™ SMD FUSES

Model Series	Photo	Footprint	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-0603F</a>		0603	Fast Acting	200 % I <sub>F</sub> in 60 sec.	400 mA – 5 A	32 – 50 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0603FP</a>		0603	Fast Acting Precision	200 % I <sub>F</sub> in 5 sec.	500 mA – 5 A	32 – 50 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0603FP-M</a>		0603	Fast Acting Precision	200 % I <sub>F</sub> in 5 sec.	500 mA – 5 A	32 VDC	–55 °C to +125 °C	UL
<a href="#">SF-0603FP-F</a>		0603	Fast Acting Precision	200 % I <sub>F</sub> in 5 sec.	150 mA – 5 A	35 – 65 VDC	–55 °C to +90 °C	UL
<a href="#">SF-0603S</a>		0603	Slow Blow	250 % I <sub>F</sub> in 5 sec.	400 mA – 6 A	32 – 50 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0603S-M</a>		0603	Slow Blow	250 % I <sub>F</sub> in 5 sec.	500 mA – 6 A	24 – 63 VDC	–55 °C to +125 °C	UL
<a href="#">SF-0603SA-M</a>		0603	Slow Blow	250 % I <sub>F</sub> in 5 sec.	0.5 A – 8 A	24 – 65 VDC	–55 °C to +150 °C	UL / AEC-Q200*
<a href="#">SF-0603SP</a>		0603	Time Lag	200 % I <sub>F</sub> in 1 – 120 sec.	500 mA – 6 A	32 – 50 VDC	–20 °C to +105 °C	UL
<a href="#">SF-0603SP-M</a>		0603	Time Lag	200 % I <sub>F</sub> in 1 – 120 sec.	1 A – 8 A	32 VDC	–55 °C to +125 °C	UL
<a href="#">SF-0603HI-M</a>		0603	High Inrush	200 % I <sub>F</sub> in 60 sec.	1 A – 8 A	32 VDC	–55 °C to +125 °C	UL
<a href="#">SF-0603HIA-M</a>		0603	High Inrush	200 % I <sub>F</sub> in 1 – 60 sec.	1 A – 5 A	32 VDC	–55 °C to +125 °C	UL / AEC-Q200*
<a href="#">SF-0603HI-F</a>		0603	High Inrush	200 % I <sub>F</sub> 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	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-1206F</a>		1206	Fast Acting	200 % I <sub>F</sub> in 60 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
<a href="#">SF-1206F-M</a>		1206	Fast Acting	200 % I <sub>F</sub> in 60 sec. 350 % I <sub>F</sub> in 5 sec.	2.5 A – 8 A	48 – 65 VDC	–55 °C to +125 °C	UL
<a href="#">SF-1206FP</a>		1206	Fast Acting Precision	200 % I <sub>F</sub> in 5 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
<a href="#">SF-1206S</a>		1206	Slow Blow	250 % I <sub>F</sub> in 5 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
<a href="#">SF-1206S-M</a>		1206	Slow Blow	250 % I <sub>F</sub> in 5 sec.	500 mA – 8 A	32 – 63 VDC	–55 °C to +125 °C	UL
<a href="#">SF-1206SA-M</a>		1206	Slow Blow	250 % I <sub>F</sub> in 5 sec.	0.5 A – 5 A	65 VDC	–55 °C to +150 °C	UL / AEC-Q200*
<a href="#">SF-1206S-W</a>		1206	Slow Blow	250 % I <sub>F</sub> in 5 sec.	1.5 A – 15 A	32 – 65 VDC	–55 °C to +125 °C	UL / TÜV
<a href="#">SF-1206SA-W</a>		1206	Slow Blow	250 % I <sub>F</sub> in 5 sec.	1.5 A – 15 A	32 – 110 VDC	–55 °C to +125 °C	UL / AEC-Q200*






## 1206 FOOTPRINT SINGLUSE™ SMD FUSES (CONTINUED)

Model Series	Photo	Footprint	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-1206SP</a>		1206	Time Lag	200 % I <sub>r</sub> in 1 – 120 sec.	500 mA – 7 A	32 – 63 VDC	–20 °C to +105 °C	UL
<a href="#">SF-1206SP-M</a>		1206	Time Lag	200 % I <sub>r</sub> in 1 – 120 sec.	1 A – 8 A	24 – 63 VDC	–55 °C to +125 °C	UL
<a href="#">SF-1206HI-M</a>		1206	High Inrush	350 % I <sub>r</sub> in 5 sec. 200 % I <sub>r</sub> in 60 sec.	500 mA – 8 A	24 – 63 VDC	–55 °C to +125 °C	UL
<a href="#">SF-1206HIA-M</a>		1206	High Inrush	350 % I <sub>r</sub> in 5 sec. 200 % I <sub>r</sub> in 60 sec.	500 mA – 6 A	24 – 65 VDC	–55 °C to +150 °C	UL / AEC-Q200*
<a href="#">SF-1206HH-M</a>		1206	High Current & High Inrush	350 % I <sub>r</sub> in 5 sec.	10 A – 30 A	24 VDC	–55 °C to +125 °C	UL
<a href="#">SF-1206HV-M</a>		1206	High Current & High Voltage	350 % I <sub>r</sub> 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	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-2410F-W</a>		2410	Fast Acting	200 % I <sub>r</sub> in 20 sec.	12 A – 20 A	65 VAC/VDC	–55 °C to +125 °C	UL
<a href="#">SF-2410FA-W</a>		2410	Fast Acting	200 % I <sub>r</sub> in 20 sec.	12 A – 20 A	65 VDC	–55 °C to +125 °C	UL / AEC-Q200*
<a href="#">SF-2410F-T</a>		2410	Fast Acting	200 % I <sub>r</sub> in 60 sec.	12 A - 40 A	65 – 86 VAC/VDC	–55 °C to +125 °C	UL
<a href="#">SF-2410FP-W</a>		2410	Fast Acting Precision	200 % I <sub>r</sub> in 5 sec.	500 mA – 10 A	250 VAC/125 VDC	–55 °C to +125 °C	UL / TÜV
<a href="#">SF-2410FPA-W</a>		2410	Fast Acting Precision	200 % I <sub>r</sub> in 5 sec.	1 A – 10 A	125 – 250 VDC	–55 °C to +125 °C	UL / AEC-Q200*
<a href="#">SF-2410FP-T</a>		2410	Fast Acting Precision	200 % I <sub>r</sub> in 5 sec.	62 mA – 10 A	125 VAC	–55 °C to +125 °C	UL
<a href="#">SF-2410SP-W</a>		2410	Time Lag	200 % I <sub>r</sub> in 1 – 120 sec.	500 mA – 2 A	250 VAC	–55 °C to +125 °C	UL / VDE
<a href="#">SF-2410HI-T</a>		2410	High Inrush	200 % I <sub>r</sub> in 60 sec.	375 mA – 7 A	125 VAC	–55 °C to +125 °C	UL
<a href="#">SF-2923HC-C</a>		2923	High Current	250 % I <sub>r</sub> in 60 sec.	20 A – 50 A	60 VDC	–55 °C to +125 °C	UL

## 3812 FOOTPRINT SINGLUSE™ SMD FUSES

Model Series	Photo	Footprint	Fuse Type	Fusing Time	Rated Current	Rated Voltage	Rated Temperature	Certifications
<a href="#">SF-3812F-T</a>		3812	Fast Acting	200 % I <sub>r</sub> in 60 sec.	10 A – 60 A	250 VAC	–55 °C to +125 °C	UL
<a href="#">SF-3812FG-T</a>		3812	Fast Acting & Low Voltage	200 % I <sub>r</sub> in 60 sec.	20 A – 30 A	125 VAC	–55 °C to +125 °C	UL
<a href="#">SF-3812SP-T</a>		3812	Time Lag	200 % I <sub>r</sub> in 120 sec.	1.25 A	250 VAC	–55 °C to +125 °C	UL / TÜV
<a href="#">SF-3812TL-T</a>		3812	Time Lag & Low Power	250 % I <sub>r</sub> in 120 sec.	500 mA – 5 A	250 VAC	–55 °C to +125 °C	UL / TÜV
<a href="#">SF-3812TM-T</a>		3812	Time Lag & Telecom	250 % I <sub>r</sub> in 1 – 120 sec.	500 mA – 2 A	600 VAC	–55 °C to +125 °C	UL

\* Meets Bourns' internal AEC-Q200 equivalent test plan

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