

2.5 X 6.1 mm Surface Mount Fuse

SSFC / SSTC Technical Data

The SSFC Quick Acting and SSTC Inrush Withstand (Medium Time Delay) are the physically largest Surface Mount Fuses manufactured by SOC. Each is composed of a ceramic body. These fuses, like all of our others, are element type fuses. They have UL Recognition, CSA Certification and / or EAMCL (MITI) Approval per the tables shown below. Fuses of this type are available on tape for auto placement and have been designed for use in solder reflow applications. SSFC and SSTC fuses are not normally considered sealed. However, they are available on request with a transparent sealant to provide protection from fuse degradation related to aqueous detergent cleaning operations.

These fuses have been tested in accordance with EIA/IS-722 qualification requirements. They are dimensionally described in EIA Electrical Part Mechanical Outline SOCM 6125.

Our Technical Support or Sales representatives should be contacted for information associated with specific applications.



SSFC



SSTC

SSFC Surface Mount Quick Acting Fuse (2.5 X 6.1 mm)

FUSE TYPE	INTERRUPT CURRENT	VOLTAGE	CSA CERTIFIED (LR34647)	CSA COMPONENT ACCEPTANCE (LR34647)	UL RECOGNIZED (File E39265)	EAMC (MITI)
	100 A	100 Vac	-	-	-	1-5 A
	50 A	125 Vac	63 mA - 10 A	10.1 - 15 A	63 mA - 10 A	-

SSFC Surface Mount (Ceramic)	300 A	125 Vdc	-	10.1 - 15 A	10.1 - 15 A	-
	350 A	125 Vdc	3.1-10 A	-	3.1-10 A	-
	100 A	150 Vdc	63 mA - 3 A	-	63 mA - 3 A	-
	10,000A	86Vdc	63mA - 10A	-	63mA - 10A	-

North American versions are tested with a power factor of 0.95 ~ 1.0. MITI versions are tested with a power factor of 0.7 ~ 0.8.

Temperature rise for UL, CSA and MITI SSFC fuses rated up to 10 A is 70° C maximum at 100% rated current. Temperature rise for UL Recognized and CSA Component Acceptance fuses above 10 A is 100° C maximum at 100% rated current.

SSTC Surface Mount Inrush Withstand Fuse (2.5 X 6.1 mm)

FUSE TYPE	INTERRUPT CURRENT	VOLTAGE	UL LISTED (File E39265)	CSA COMPONENT ACCEPTANCE (LR34647)	UL RECOGNIZED (File E39265)	EAMCL (MITI)
SSTC Surface Mount (Ceramic)	50 A	125 Vac	-	100 mA - 5 A	100 mA - 5 A	-
	350 A	125 Vdc	-	100 mA - 5 A	100 mA - 5 A	-
	10,000 A	86 Vdc	-	100 mA - 5 A	100 mA - 5 A	-

Temperature rise for UL and CSA SSTC fuses is 70° C maximum at 100% rated current.

SSTC fuses shown in this table are tested resistive.

[Click here for mechanical outline \(PDF Format\).](#)

Please contact our Sales Representative for the detailed technical information you would require.