

Type SEF

RoHS

Fast Acting Square Ceramic Surface Mount Fuse



Approval

PSE

Certified products for U.S. and Canada

Recognized Component for Canada and U.S.

CSA Listed

1A~15A

62mA~5A

6A~15A

62mA~10A

Electrical Characteristic

Rated Current	1 In	2 In
	MIN	MAX
62mA~10A	4 hr	5 sec
12A~15A	4 hr	60 sec

Interrupting Rating

62mA~8A: 50 amperes at 125V AC/DC
300 amperes at 32V DC

10A: 35 amperes at 125V AC
50 amperes at 125V AC/DC
300 amperes at 32V DC

12A~15A: 50 amperes at 65V AC/DC
200 amperes at 86V AC/DC
300 amperes at 24V DC

Environmental Specification

Operating Temperature

-55°C to +125°C

Vibration

MIL-STD-202G, Method 201 (10-55 Hz,
0.06 inch, total excursion)

Salt Spray

MIL-STD-202G, Method 101, Test Condition B
(48Hrs)

Insulation Resistance

MIL-STD-202G, Method 302, Test Condition A

Resistance to Solder Heat

MIL-STD-202G, Method 210, Test Condition B
(10sec, at 260°C)

Thermal Shock:

MIL-STD-202G, Method 107, Test Condition B
(-65°C to +125°C)

Cartridge Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
SEF .062	62mA (1/16A)	125V	11.275	0.000961
SEF .080	80 mA		9.9550	0.001000
SEF .100	100 mA		9.5130	0.001500
SEF .125	125 mA		5.8395	0.003120
SEF .200	200 mA		2.0195	0.008000
SEF .250	250 mA		1.1050	0.009380
SEF .300	300 mA		0.8554	0.018000
SEF .375	375 mA		0.7819	0.021100
SEF .400	400 mA		0.5200	0.032000
SEF .500	500 mA		0.4895	0.037500
SEF .700	700 mA		0.2814	0.120500
SEF .750	750 mA		0.2425	0.153100
SEF 001	1 A	65V*1	0.1407	0.385000
SEF 1.50	1.5 A		0.1130	0.725000
SEF 002	2 A		0.0594	0.894000
SEF 2.50	2.5 A		0.0384	1.182000
SEF 003	3 A		0.0333	1.475000
SEF 3.15	3.15A		0.0296	1.655000
SEF 3.50	3.5 A		0.0268	2.055000
SEF 004	4 A		0.0209	3.882000
SEF 005	5 A		0.0179	5.480000
SEF 006	6 A		0.0117	8.520000
SEF 007	7 A		0.0104	9.931000
SEF 008	8 A		0.0095	18.82000
SEF 010	10 A		0.0067	22.50000
SEF 012	12A		0.0042	43.20000
SEF 015	15A		0.0029	112.5000

*1: 86V optional

Physical Specification

Material

Body: Ceramic

Terminations: Silver Plated Brass Caps

Packaging

1000 Fuses in 7 inches dia. reel.

12mm wide tape, per EIA Standard 481

Mechanical Dimension(mm)

