



CONQUER

Surface Mount Fuses

Type SEF(U)

Fast Acting Square Ceramic Surface Mount Fuse



Approvals

UL Recognized	63mA~5A
CSA Listed	63mA~5A
VDE	63mA~5A
MITI	1A~5A

Electrical Characteristics

Rated Current	1 In		10 IN	
	MIN	MAX	MIN	MAX
65mA~5A	1 Hrs	120 Sec	1mS	10mS

Interrupting Ratings

50 amperes or 10 x rated current; whichever is greater at 125V AC/DC

Environmental Specification

Operating Temperature

-55°C to +125°C

Shock

MIL-STD-202, Method 213, Test Condition 1 (100G's peak for 6 milliseconds)

Vibration

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

Salt Spray

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

Insulation Resistance

MIL-STD-202, Method 302, Test Condition A (After Opening) 10,000 ohms minimum

Resistance to Solder Heat

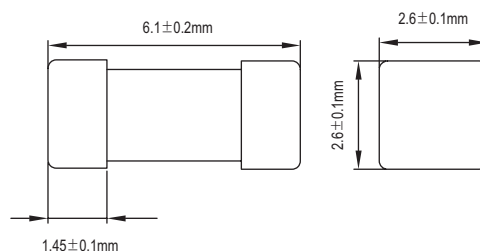
MIL-STD-202, Method 210, Test Condition F (20sec, at 260°C)

Thermal Shock:

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

Cartridge Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv)MAX	Nominal Melting I ² t A ² Sec
SEF(U) .063	63 mA	125V	6.6800	*	0.0012
SEF(U) .080	80 mA		4.3000	*	0.0021
SEF(U) .100	100 mA		2.6300	1200	0.0032
SEF(U) .125	125 mA		1.9400	950	0.0048
SEF(U) .160	160 mA		1.0520	900	0.0079
SEF(U) .200	200 mA		0.4410	850	0.0131
SEF(U) .250	250 mA		0.4010	750	0.0192
SEF(U) .315	315 mA		0.3030	700	0.0301
SEF(U) .400	400 mA		0.2350	650	0.0472
SEF(U) .500	500 mA		0.1740	550	0.0768
SEF(U) .630	630 mA		0.1420	450	0.1204
SEF(U) .800	800 mA		0.1050	350	0.1886
SEF(U) 001	1 A		0.0840	250	0.3000
SEF(U) 1.25	1.25 A		0.0710	235	0.4050
SEF(U) 1.60	1.6 A		0.0540	220	0.9015
SEF(U) 002	2 A		0.0380	200	1.4520
SEF(U) 2.50	2.5 A		0.0280	180	2.1050
SEF(U) 3.15	3.15 A		0.0195	150	3.9000
SEF(U) 004	4 A		0.0170	150	5.4200
SEF(U) 005	5 A		0.0130	130	10.900

Mechanical Dimensions



Physical Specification

Materials

Body: Ceramic
Terminations: Silver Plated Brass Caps

Packaging

1,000 Fuses in 7 inches dia. reel, or 5,000 fuses in 13 inches dia. White color reel, 12mm wide tape, per EIA Standard 481.