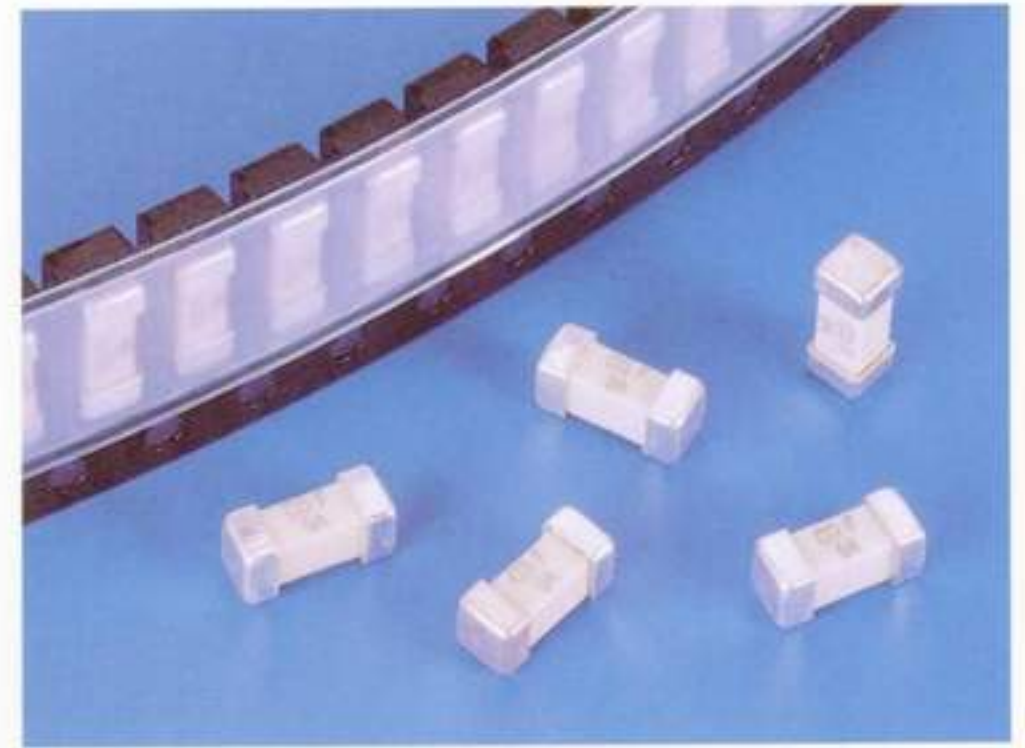


Surface Mount Fuses

Type SET(U)

Time-Lag Square Ceramic Surface Mount Fuse



Approvals

UL Recognized	200mA~5A
CSA Listed	200mA~5A
VDE	200mA~5A
MITI	1A~5A

Electrical Characteristics

Rated Current	1.25 In		2 In		10 In	
	MIN	MIN	MAX	MIN	MAX	
200mA~5A	1 Hrs	1 Sec	120 Sec	10 mS	100mS	

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

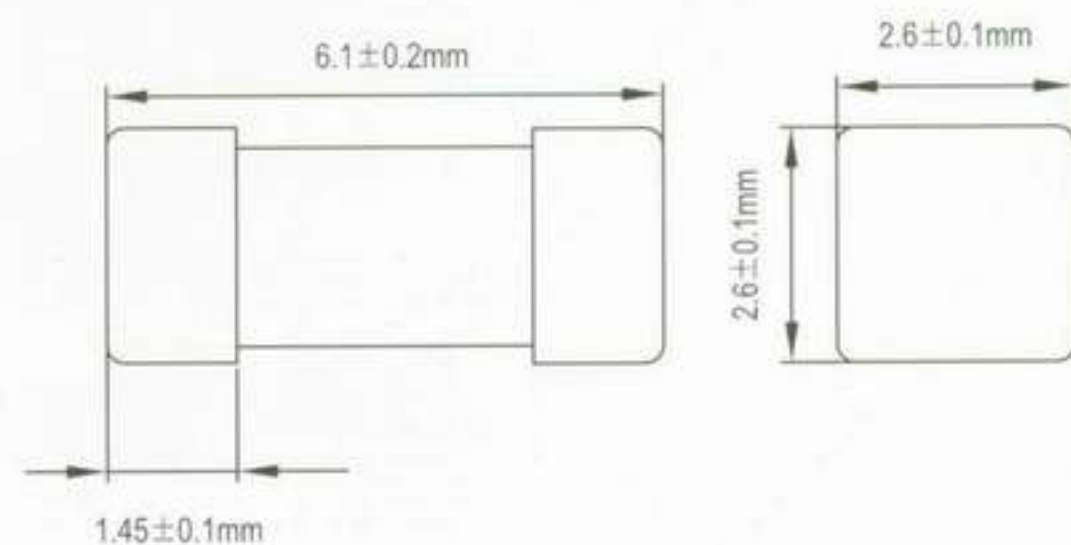
MIL-STD-202, Method 210, Test Condition F (20sec, at 260°C)

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
SET(U) .200	200 mA		2.305	900	0.0865
SET(U) .250	250 mA		1.420	750	0.1320
SET(U) .315	315 mA		1.052	700	0.2085
SET(U) .400	400 mA		0.521	650	0.3310
SET(U) .500	500 mA		0.412	550	0.5122
SET(U) .630	630 mA		0.302	450	0.8055
SET(U) .800	800 mA		0.245	350	1.3044
SET(U) 001	1 A		0.109	250	1.9090
SET(U) 1.25	1.25 A		0.090	240	2.8102
SET(U) 1.50	1.5 A		0.061	230	4.5385
SET(U) 002	2 A		0.043	210	8.8570
SET(U) 2.50	2.5 A		0.038	200	16.550
SET(U) 3.15	3.15 A		0.020	180	32.210
SET(U) 004	4 A		0.017	160	40.800
SET(U) 005	5 A		0.012	150	65.000

Mechanical Dimensions



Physical Specification

Materials

Body: Ceramic

Terminations: Silver Plated Brass Caps

Packaging

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