

Type SET RoHS

Time-Lag Square Ceramic Surface Mount Fuse



Approvals

UL Recognized 200mA~7A
CSA Listed 200mA~7A

Electrical Characteristics

Rated Current	1 In		2 In		3 In		8 In	
	MIN	MIN	MAX	MIN	MAX	MIN	MAX	
200mA~7A	4 Hrs	1 Sec	60 Sec	0.2 Sec	3 Sec	0.02 Sec	0.1 Sec	

Interrupting Ratings

50 amperes at 125V AC/DC
300 amperes at 32V 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

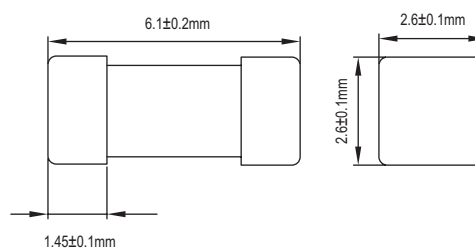
MIL-STD-202, Method 210, Test Condition F
(20sec, at 260°C)

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 .200	200 mA	125V	2.501	750	0.06000
SET .250	250 mA		1.564	700	0.0680
SET .300	300 mA		1.352	600	0.0900
SET .350	350 mA		0.977	550	0.1000
SET .375	375 mA		0.683	500	0.2109
SET .400	400 mA		0.550	450	0.2400
SET .450	450 mA		0.495	450	0.3037
SET .500	500 mA		0.451	400	0.3750
SET .700	700 mA		0.210	360	0.4900
SET .750	750 mA		0.242	320	0.6260
SET 001	1 A		0.132	250	1.9090
SET 1.50	1.5 A		0.067	230	3.8350
SET 002	2 A		0.043	210	8.5600
SET 2.50	2.5 A		0.040	200	16.550
SET 003	3 A		0.033	190	22.540
SET 3.50	3.5 A		0.024	180	29.400
SET 004	4 A		0.022	160	35.820
SET 005	5 A	0.021	150	54.800	
SET 006	6 A	0.018	140	64.800	
SET 007	7 A	0.011	130	89.830	

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. reel, 12mm wide tape, per EIA Standard 481.