

Type SET RoHS

Slow Blow Square Ceramic Surface Mount Fuse



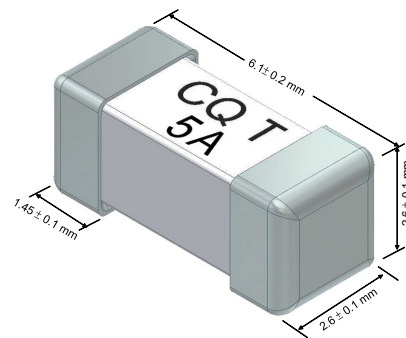
Feature

- Small volume.
- Excellent inrush current withstanding capability.
- Excellent withstand capacity for thermal and mechanic shock.
- High reliability and stable solderability, 2 terminal caps can choice plating gold or silver.
- Our SEF \ SET series products, because the materials used in these fuses include high melting temperature type solder and this solder contains more than 85% lead (Pb), so these products can conform to the exempts of the requirements of RoHS Directive(2002/95/EC).

Interrupting Rating

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

Mechanical Dimension



Cartridge Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
SET .200	200 mA	125V	1.5751	0.0600
SET .250	250 mA		1.2585	0.0680
SET .300	300 mA		1.2512	0.0900
SET .350	350 mA		0.9366	0.1000
SET .375	375 mA		0.5232	0.2109
SET .400	400 mA		0.5150	0.2400
SET .450	450 mA		0.5009	0.3037
SET .500	500 mA		0.3291	0.3750
SET .700	700 mA		0.2648	0.4900
SET .750	750 mA		0.1600	0.6260
SET 001	1 A		0.1090	1.9090
SET 1.50	1.5 A		0.0511	3.8350
SET 002	2 A		0.0550	8.5600
SET 2.50	2.5 A		0.0287	16.550
SET 003	3 A	0.0228	22.540	
SET 3.50	3.5 A	0.0190	29.400	
SET 004	4 A	0.0140	35.820	
SET 005	5 A	0.0130	54.800	
SET 006	6 A	0.0090	64.800	
SET 007	7 A	0.0074	89.830	

Physical Specification

Material

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

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)

Approval

PSE 1A~7A
UL Recognized 200mA~7A
CSA Listed 200mA~7A

Electrical Characteristic

Rated current	1 In		2 In		3 In		8 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
200mA~7A	4hr	1 sec	60 sec	0.2 sec	3 sec	0.02 sec	0.1 sec	

Environmental Temperature at 25°C