

# Type SST

2410 Size  
RoHS 6 Compliant

## Square Ceramic Surface Mount Slow Blow Fuse

SSTD0808



### Electrical Characteristics (UL/CSA STD. 248-14)

Testing current	Blow Time	
	Minimum	Maximum
100%	4 Hrs.	N/A
200%	1 Sec	60 Sec
300%	0.2 Sec	3 Sec
800%	0.02 Sec	0.1 Sec

### Approvals



Safety Agency Approvals	Amp range / Volt @ I.R.ability
US Listed File No. E20624 Certified File No. LR39772	375mA - 7A / 125V @ 50A AC and DC

### RoHS 6 Compliant Product

RoHS Reflow Reference : JEDEC J-STD-020C (260°C, 40 sec max)  
RoHS Wave Soldering Compatible : (260°C, 10 sec max)

### Environmental Specification

#### Shock Resistance

MIL-STD-202G, Method 213B, Test Condition I  
(100 G's peak for 6 milliseconds; Sawtooth Waveform)

#### Vibration Resistance

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

#### Salt Spray Resistance

MIL-STD-202G, Method 101E, Test condition B (48 hrs)

#### Insulation Resistance

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

#### Solderability

MIL-STD-202G, Method 208H

#### Soldering Heat Resistance

MIL-STD-202G Method 210F, Test Condition C. Top Side  
(260°C, 20 sec)  
MIL-STD-202G Method 210F, Test Condition D. Bottom Side  
(260°C, 10 sec)

#### Thermal Shock Resistance

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

#### Operating Temperature

-55°C to +125°C

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% In (Volt) max.	Melting I <sup>2</sup> T < 10 mSec (A <sup>2</sup> Sec)	Melting I <sup>2</sup> T @10 In (A <sup>2</sup> Sec)	Maximum Power Dissipation (W)
SST 375	375mA	0.70	0.47	0.15	0.15	0.25
SST 500	500mA	0.46	0.43	0.27	0.28	0.30
SST 625	625mA	0.33	0.39	0.45	0.47	0.35
SST 750	750mA	0.26	0.37	0.66	0.69	0.39
SST 1	1A	0.17	0.34	1.2	1.3	0.47
SST 1.5	1.5A	0.10	0.29	3	3.1	0.62
SST 2	2A	0.06	0.24	5	5.7	0.68
SST 2.5	2.5A	0.04	0.21	9	9	0.74
SST 3	3A	0.032	0.18	14	16	0.80
SST 3.5	3.5A	0.027	0.17	18	20	0.84
SST 4	4A	0.023	0.16	23	26	0.88
SST 5	5A	0.017	0.14	38	43	0.95
SST 6	6A	0.013	0.12	56	63	1.02
SST 6.3	6.3A	0.012	0.12	62	70	1.03
SST 7	7A	0.010	0.11	80	90	1.08

Consult manufacturer for other ratings

### Physical Specification

#### Materials

Ceramic body / Palladium Plated Brass Caps

#### Marking

On fuse:

"Current Rating" in green color; "bel" stamped in end caps

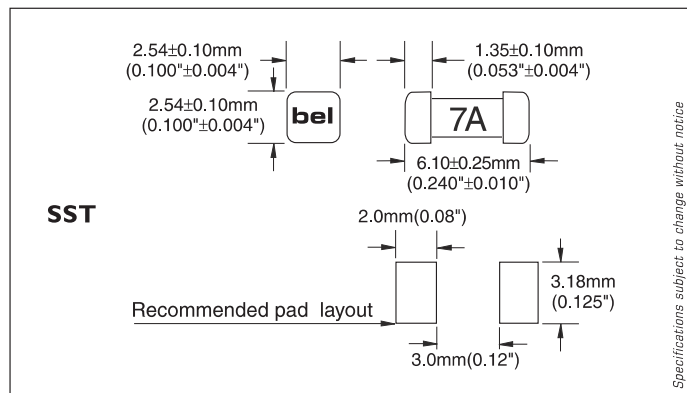
On label:

"bel", "SST", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "UL", "SP", "CE" (China RoHS compliant)

#### Packaging

5,000 fuses in 13 inches dia. reel, 12mm wide tape, per EIA Standard 481

### Mechanical Dimensions



ORDERING INFORMATION SEE LAST 2 PAGES

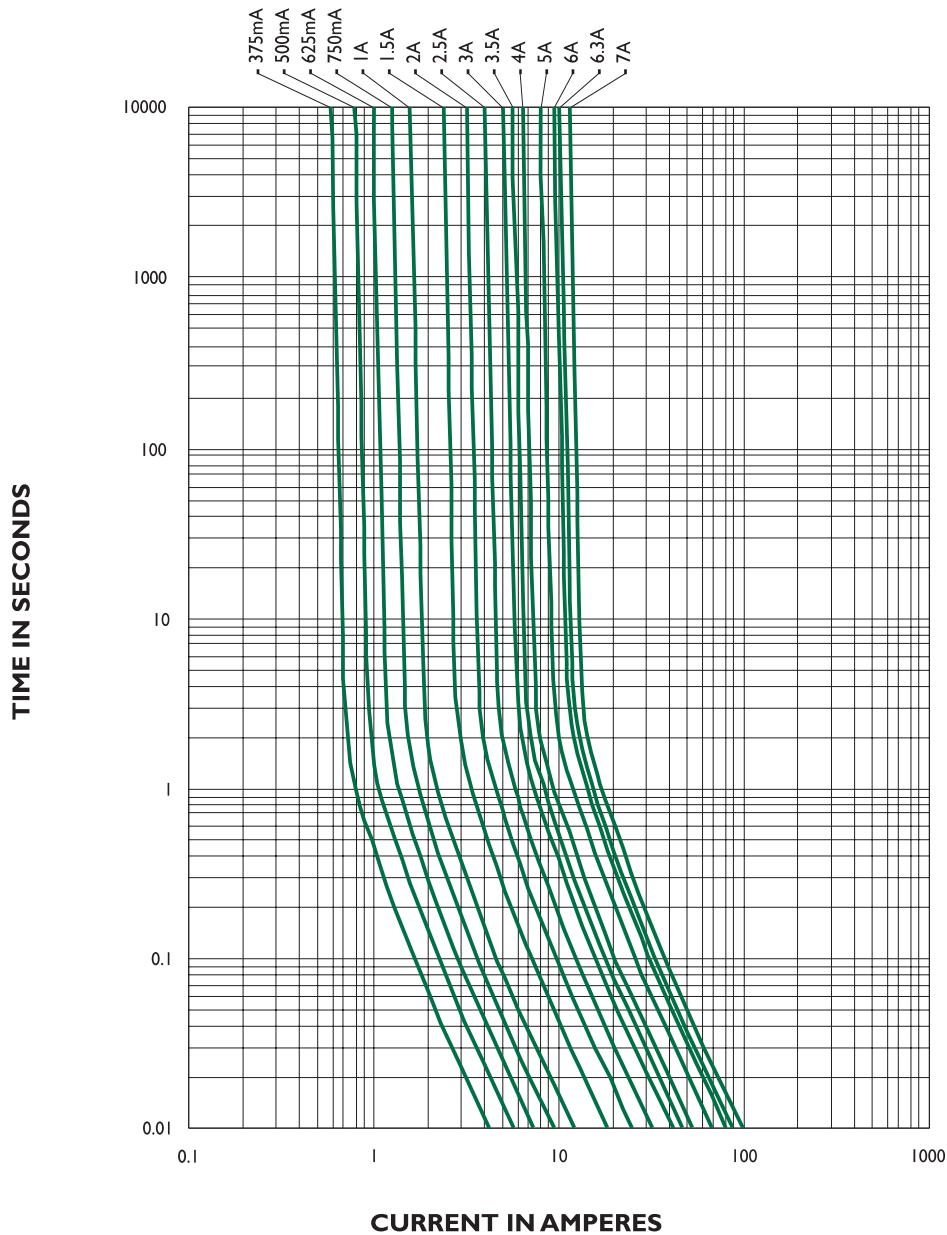
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**Square Ceramic Surface Mount Slow Blow Fuse**

2410 Size  
 RoHS 6 Compliant



SSTC0808

**SST - TIME CURRENT CHARACTERISTIC CURVE**



Specifications subject to change without notice

NOTE - see important information under "User Guide" on P.08

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