

**Type SST**

**Square Ceramic Surface Mount Slow Blow Fuse**

2410 Size  
RoHS 6 Compliant

SSTD0808



**Electrical Characteristics** (ULICSA 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
UL <sub>US</sub> Listed File No. E20624	375mA - 7A / 125V @ 50A AC and DC
SP Certified File No. LR39772	

**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

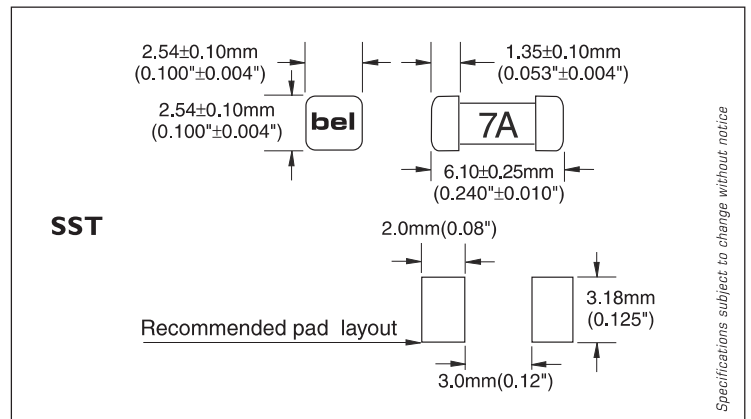
On label:

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

**Packaging**

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

**Mechanical Dimensions**



Specifications subject to change without notice

ORDERING INFORMATION SEE LAST 2 PAGES

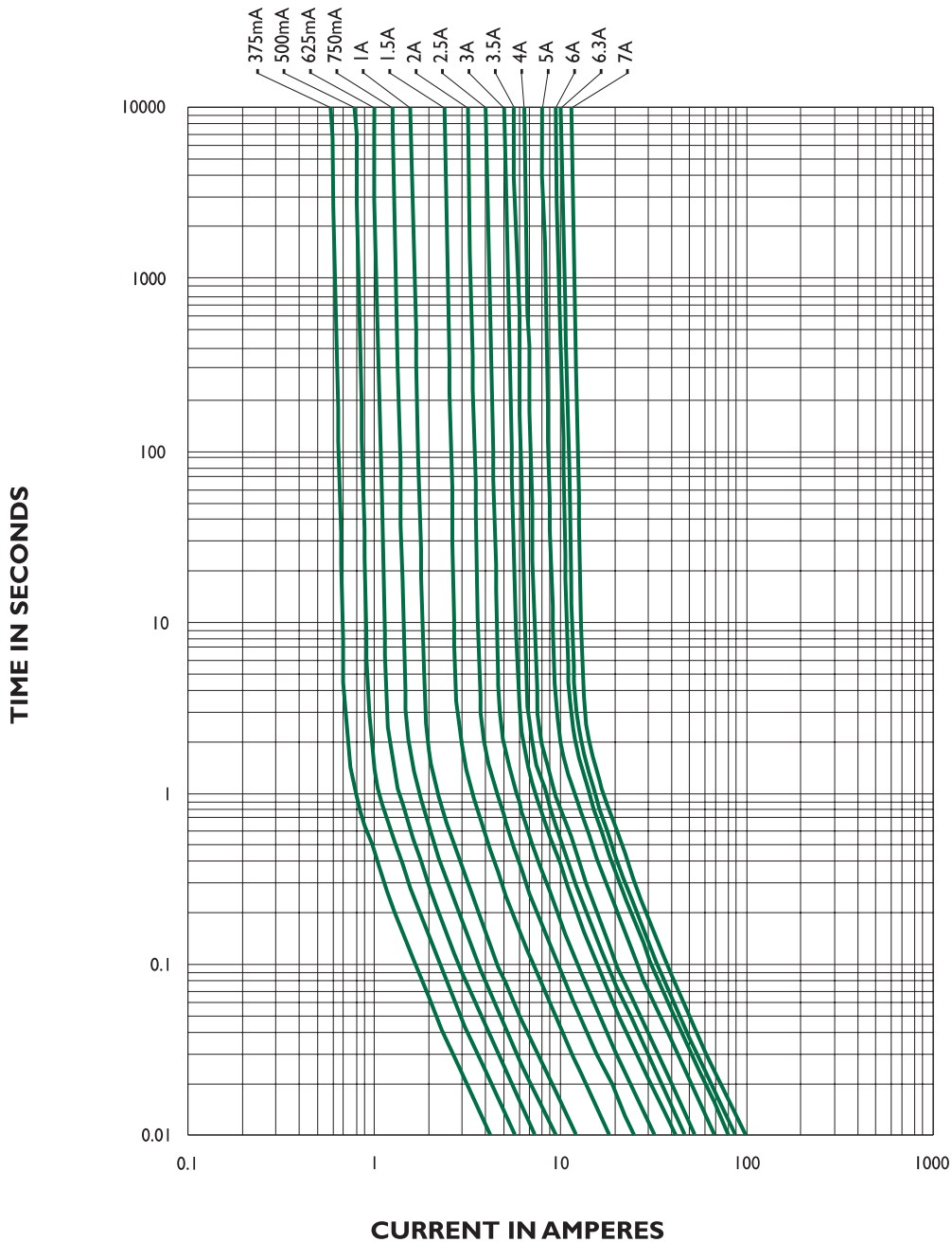
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2410 Size  
 RoHS 6 Compliant



SSTC0808

**SST - TIME CURRENT CHARACTERISTIC CURVE**



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

**Corporate Office**

**Bel Fuse Inc.**  
 206 Van Vorst Street, Jersey City, NJ 07302  
 Tel: 201-432-0463  
 Fax: 201-432-9542  
 E-Mail: belfuse@belfuse.com  
 Website: www.belfuse.com

**Far East Office**

**Bel Fuse Ltd.**  
 8F/8 Luk Hop Street  
 San Po Kong  
 Kowloon, Hong Kong  
 Tel: 852-2328-5515  
 Fax: 852-2352-3706

**European Office**

**Bel Fuse Europe Ltd.**  
 Preston Technology Management Centre  
 Marsh Lane, Preston PR1 8UG  
 Lancashire, U.K  
 Tel: 44-1772-556601  
 Fax: 44-1772-888366