RoHS 2002/9

bel

Type SST

Square Ceramic Surface Mount Slow Blow Fuse

2410 Size

RoHS 6 Compliant

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
c UL us Listed File No. E20624 CSA 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^2T < 10 mSec (A^2 Sec)	Melting I^2T @10 *In* (A^2 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

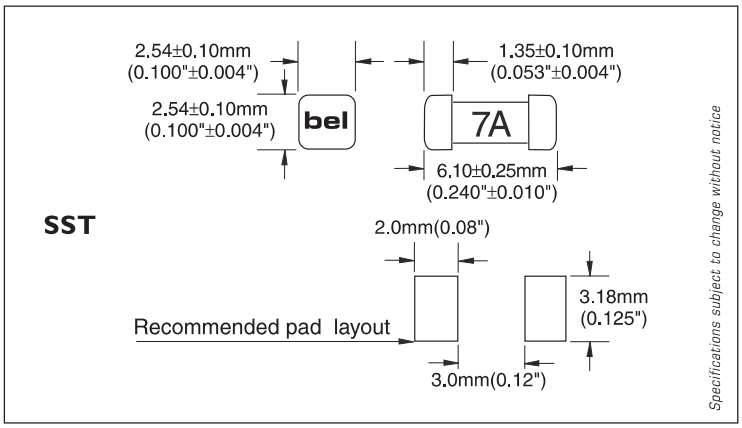
On fuse:
"Current Rating" in green color, "**bel**" stamped in end caps

On label:
"**bel**", "**SST**", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and " ", " " (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

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

Type SST

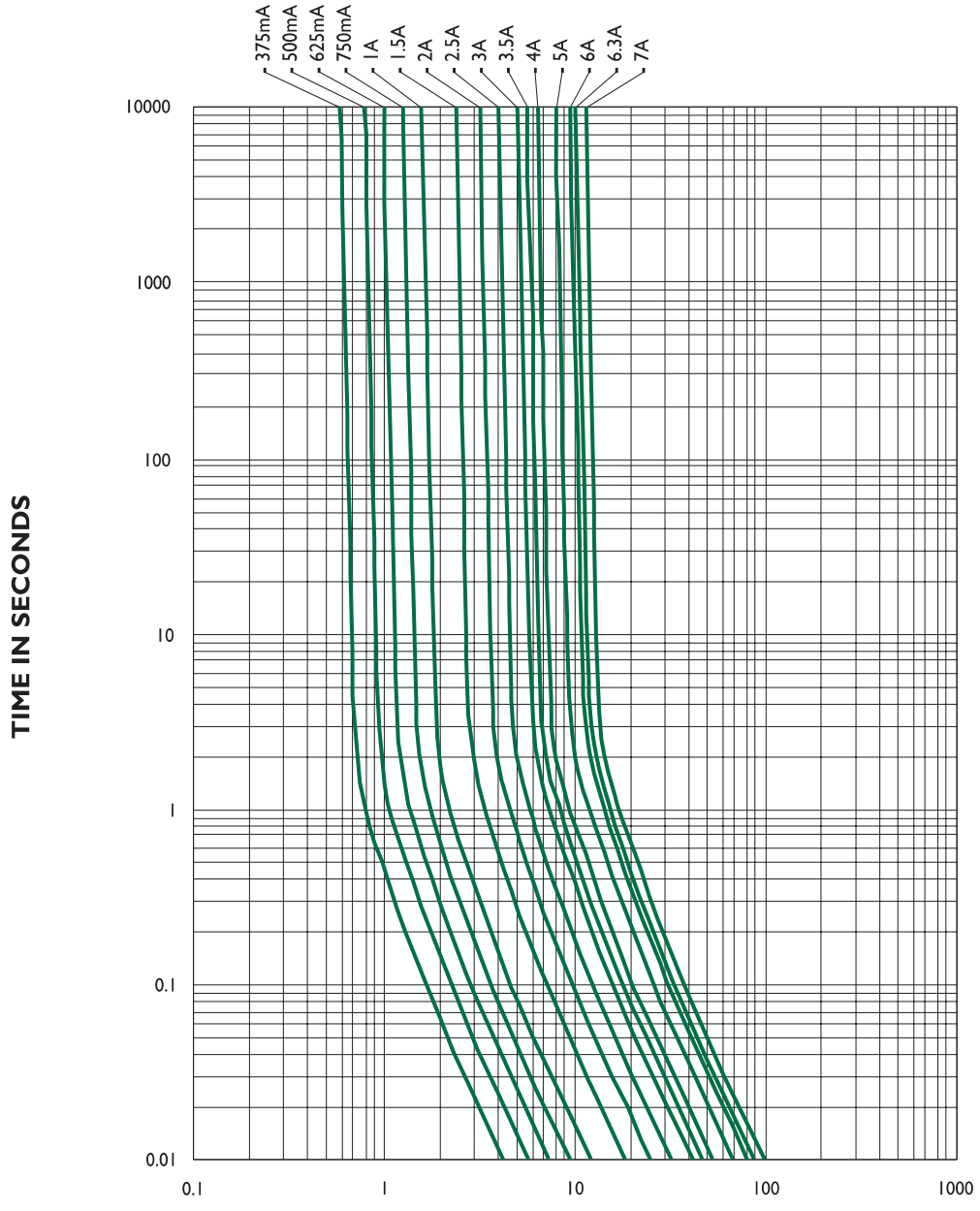
Square Ceramic Surface Mount Slow Blow Fuse

2410 Size
RoHS 6 Compliant

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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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