



defining a degree of excellence

SSTD0104

Type SST

Square Ceramic Surface Mount Slow Blow Fuse

2410 Size



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

Approval



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

Environmental Specification

Soldering Techniques & Compatibility

Infrared Reflow: 240°C, 20 sec max.

Wave Solder: 260°C, 10 sec max. (MIL-STD-202, Method 210)

Operating Temperature

-55°C to +125°C

Shock

MIL-STD-202, Method 213, Test Condition I
(100 G'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

Solderability

MIL-STD-202, Method 208

Resistance to Solder Heat

MIL-STD-202, Method 210, Test Condition B
(260°C, 10 sec)

Thermal Shock

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

Catalog Number	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @100% I_n (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 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 black color; "bel" stamped in end caps.

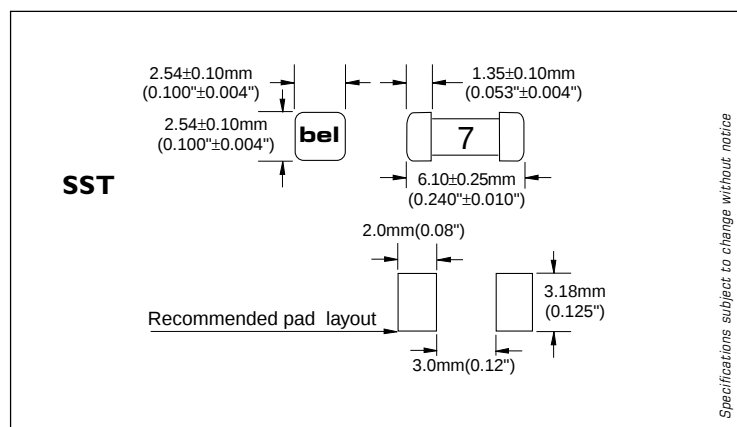
On label:

"bel", "SST", "Current Rating", "Voltage Rating" Interrupting Rating "CE" plus "Appropriate Safety Logos"

Packaging

5,000 fuses in 13 inches dia. reel, 12mm wide tape, 4mm pitch, per EIA Standard 481

Mechanical Dimensions



ORDERING INFORMATION SEE PAGES 67 & 68

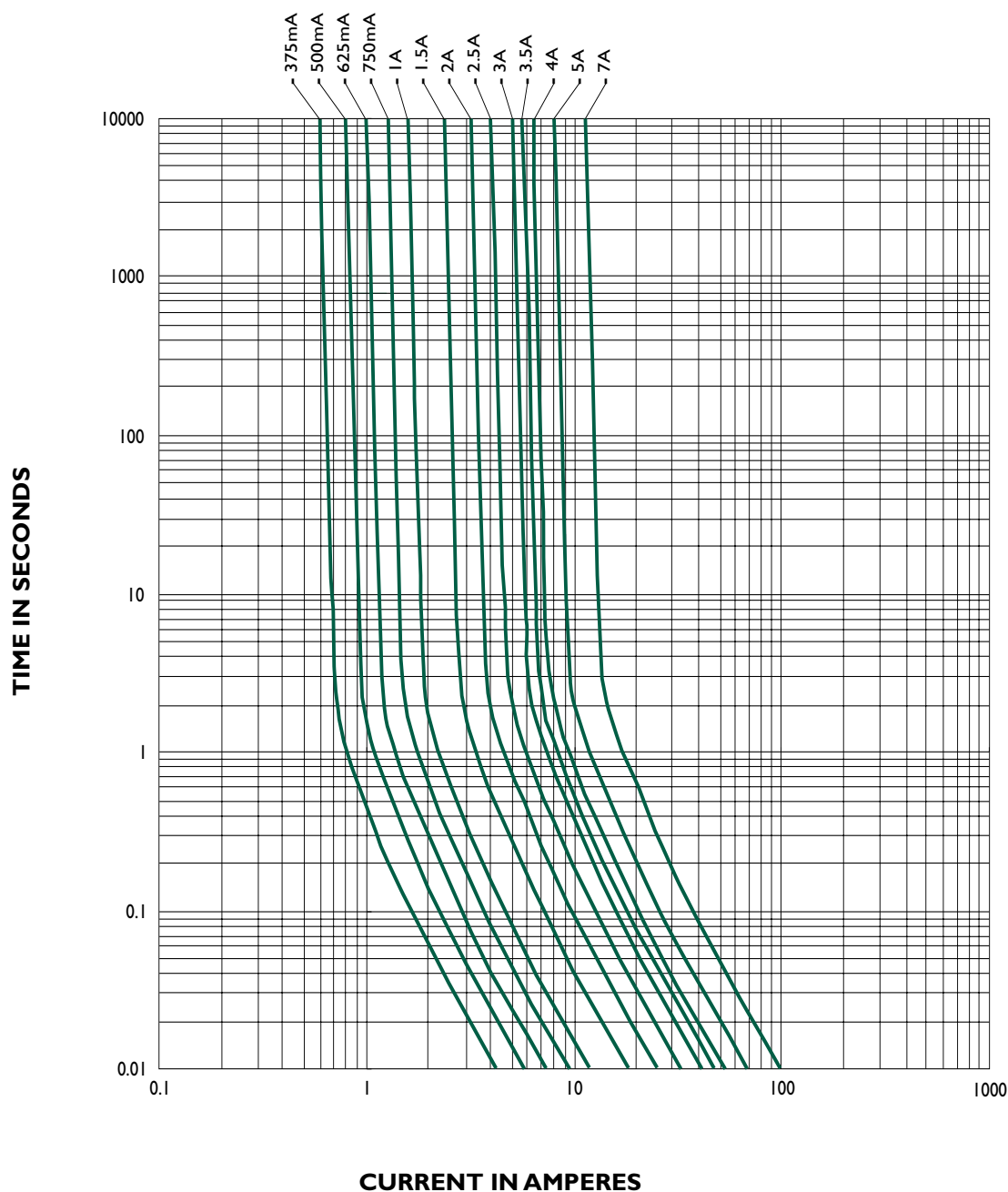
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2410 Size

SSTC0303

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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