



defining a degree of excellence

Type SST

Square Ceramic Surface Mount Slow Blow Fuse

SSTD0600



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
<ul style="list-style-type: none"> Listing File No. E20624 Certified File No. LR39772 	375mA - 7A / 125V @ 50A AC/DC

Environmental Specification

Soldering conditions

- Infrared Reflow: 260°C, 20 sec max.
- Wave Solder: 260°C, 10 sec max. (MIL-STD-202, Method 210)
- Solderability: MIL-STD-202, Method 208

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 210 (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

Resistance to Solder Heat

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

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% In (Volt) max.	Melting I ² T < 10 mSec (A ² Sec)	Melting I ² T @ 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 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

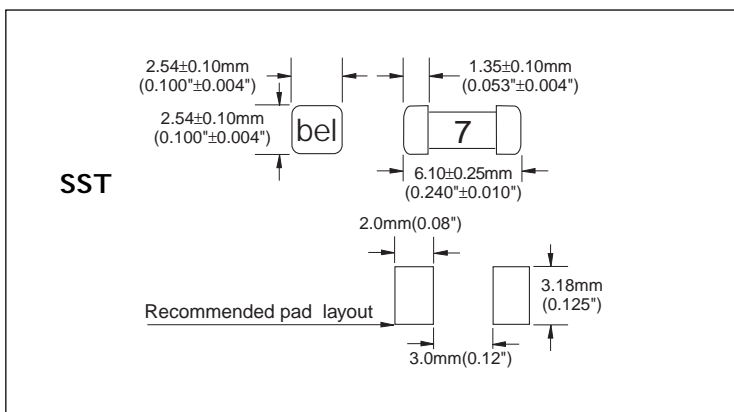
Marking

- On fuse:
 - "Current Rating" in green color, "bel" stamped on end caps
- On label:
 - "bel", "SST", "Current Rating", "125V" plus "UL CSA CE" and Interrupting Rating

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

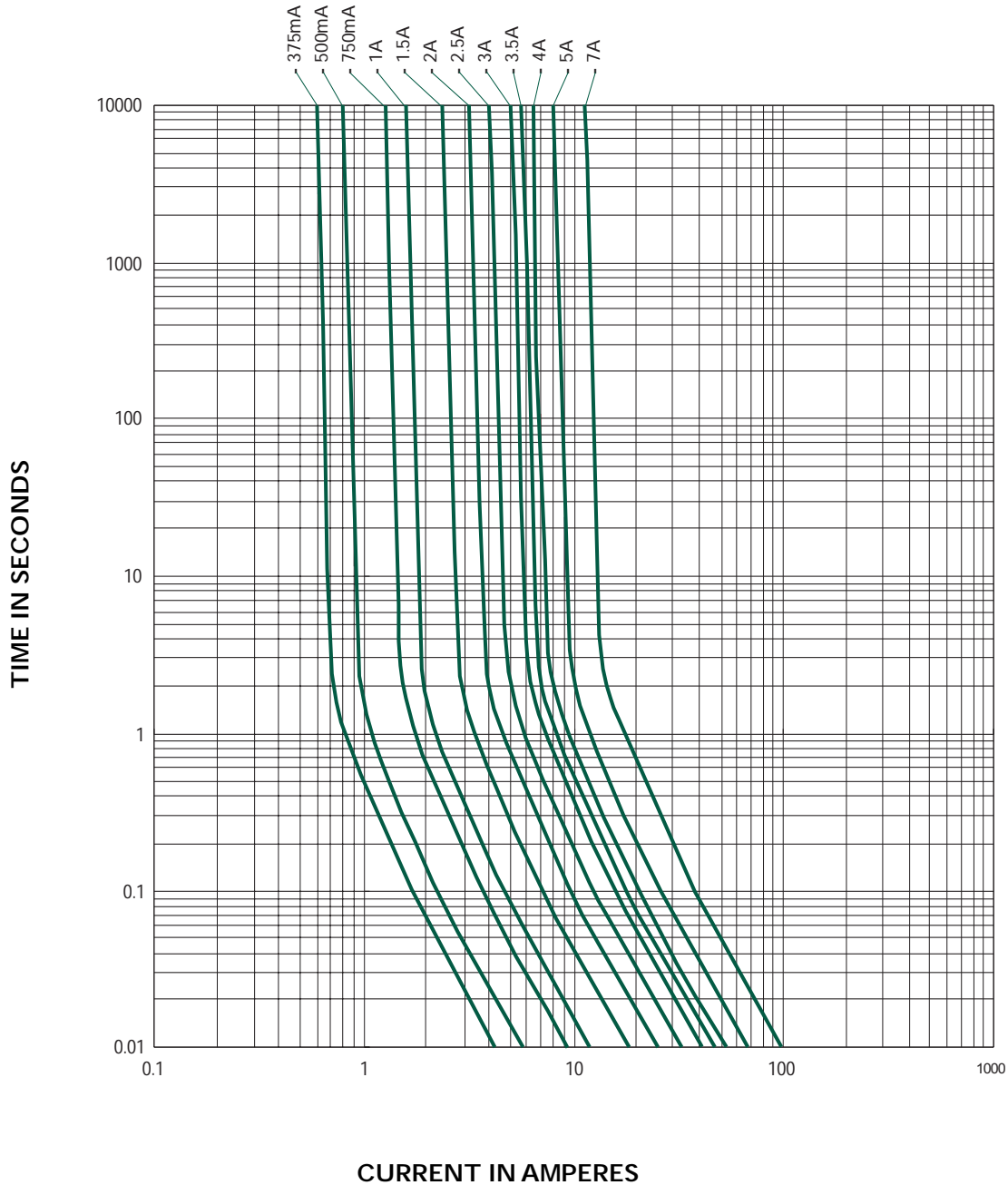
Mechanical Dimensions



Specifications subject to change without notice

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Square Ceramic Surface Mount Slow Blow Fuse

SST - TIME CURRENT CHARACTERISTIC CURVE



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

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