

Type C1S
Surface Mount Slow Blow Chip Fuse

1206 size
RoHS 6 Compliant



Electrical Characteristics (UL STD. 248-14)

Testing current	Blow Time	
	Minimum	Maximum
100%	4 hrs	N/A
200%	1 sec	120 sec
300%	0.1 sec	3 sec
800%	0.002 sec	0.05 sec

Approvals



Safety Agency Approvals	Amp range / Volt @ I.R. ability
UL Recognized File No. E20624	750mA - 5A / 63V @ 50A AC / 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 201F (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 ² T @10 In (A ² Sec)	Maximum Power Dissipation (W)
C1S 750	750mA	0.564	0.677	0.066	0.40
C1S 1	1A	0.317	0.545	0.121	0.39
C1S 1.25	1.25A	0.216	0.471	0.18	0.54
C1S 1.5	1.5A	0.147	0.407	0.27	0.56
C1S 2	2A	0.105	0.328	0.50	0.60
C1S 2.5	2.5A	0.074	0.283	0.75	0.64
C1S 3	3A	0.052	0.245	1.12	0.68
C1S 3.5	3.5A	0.037	0.212	1.69	0.74
C1S 4	4A	0.031	0.197	2.07	0.79
C1S 5	5A	0.022	0.171	3.10	0.92

Consult manufacturer for other ratings

HALOGEN FREE= HF
LEAD FREE= Pb

Physical Specification

Materials

Ceramic Substrate / Printed Element

Marking

On fuse:

None

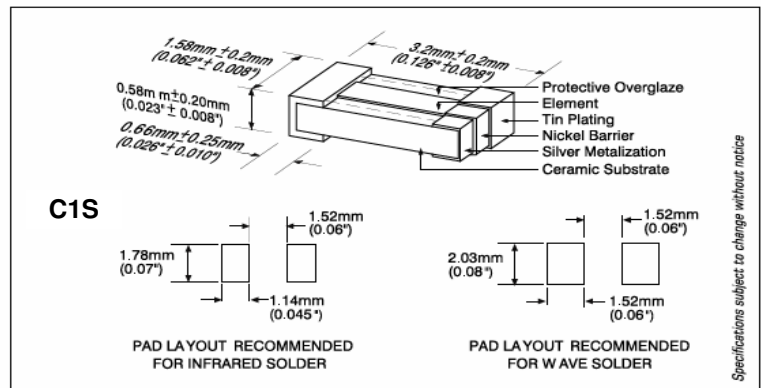
Label on reel:

"bel", "C1S", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "RoHS", "CE" (China RoHS compliant)

Packaging

5,000 fuses in 7 inches dia. Reel, 8 mm wide tape, 4mm pitch, per EIA Standard 481-C (equivalent IEC-286 part 3)

Mechanical Dimensions



ORDERING INFORMATION SEE LAST 2 PAGES

Specifications subject to change without notice

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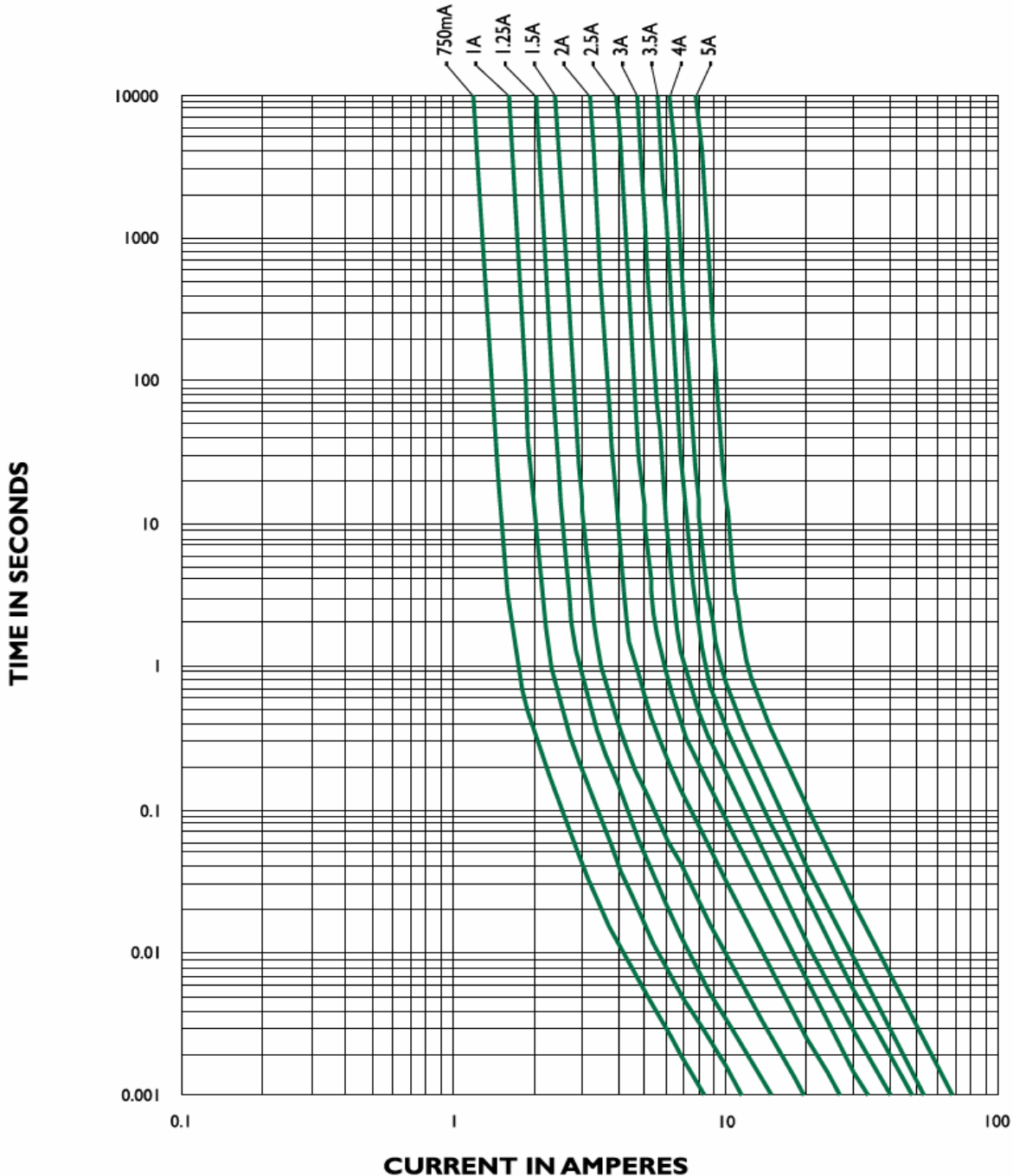
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C1SCNOV2010

C1S - TIME CURRENT CHARACTERISTIC CURVE



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

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