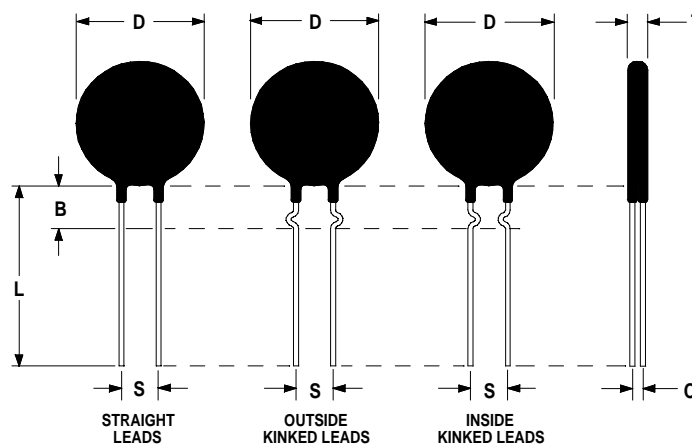


Part Number: SL12 1R308

### Ordering Different Lead Types:

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Use <b>-B</b> after Ametherm's part #

For example: to order an inside kinked lead use part number SL12 1R308-A



### Electrical Specifications:

Resistance @ 25°C	1.3 $\Omega$ $\pm$ 20%
Max Steady State Current Up to 65°C	8.0 A
Max Recommended Energy Rating (Joules)	40.0 J
Actual Failure Point of Instantaneous Energy (Joules)	80.0 J
Resistance @ 100% of Max Current	0.043 $\Omega$
Resistance @ 50% of Max Current	0.094 $\Omega$
Body Temperature @ 100% Current Rating	150°C Nom
Dissipation Constant	13.22mW/°C
Thermal Time Constant	40 seconds
Max Power up to 65°C Ambient	3.90 Watts
Material Type	"A"

### Mechanical Specifications:

D	12.0 $\pm$ 1.0 mm
T	4.0 $\pm$ 0.2 mm
Lead Diameter	1.0 $\pm$ 0.05 mm
S	7.8 $\pm$ 2.0 mm
L	38.0 $\pm$ 9.0 mm
Straight Leads Coating Run Down	5.1 $\pm$ 0.5 mm
B	5.65 $\pm$ 0.75 mm
C	2.15 $\pm$ 0.30 mm

CSA File Number: #CA118061

Revision Date: March 19, 2003

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