

Part Number: SL10 2R505

### 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 SL10 2R505-A



### Electrical Specifications:

Resistance @ 25°C	2.5 $\Omega$ $\pm$ 30%
Max Steady State Current Up to 65°C	5.0 A
Max Recommended Energy Rating (Joules)	30.0 J
Actual Failure Point of Instantaneous Energy (Joules)	65.0 J
Resistance @ 100% of Max Current	0.118 $\Omega$
Resistance @ 50% of Max Current	0.216 $\Omega$
Body Temperature @ 100% Current Rating	165°C
Dissipation Constant	10.0 Mw/°C
Thermal Time Constant	25 Seconds
Material Type	"A"
Body Temperature Operating Range	-50°C / 150 °C

### Mechanical Specifications:

D	10.0 $\pm$ 0.5 mm
T	4.5 $\pm$ 0.5 mm
Lead Diameter	0.5 mm Nom
S	6.0 mm Nom
L	38.0 mm Min
Straight Leads	Standard