

Part Number: SL05 10003

### Ordering Different Lead Types:

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number SL05 10003-A



### Electrical Specifications:

Resistance @ 25°C	10.0 Ω ± 20%
Resistance @ 0°C/ Resistance @ 50°C	4.95 ± 1%
Resistance @ 25°C/ Resistance @ 125°C	12.8 ± 2%
Beta	2929 ± 0.87%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	2.0 J
Max Capacitance @ 120VAC/240VAC	120μF / 30μF
Material Type	"B"
Dissipation Constant	5.0 Mw/°C
Thermal Time Constant	15 seconds
Maximum "ON" Resistance @ 3.0 amp	0.070 Ω
Constant A for the formula shown below	0.273
Constant B for the formula shown below	-1.241

### Mechanical Specifications:

D	5.6 mm Max
T	3.0 mm Max
Lead Diameter	0.5 mm Nom
S	5.0 mm Nom
L	38.0 mm Min
Straight Leads	Standard

$$R_{hot} = (A) (I) \text{ EXP } (B)$$

Where I = current 0.50 A ≥ I ≥ 3.0A

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