

Part Number: SL05 10002

Ordering Different Lead Types:

| | |
|----------------------|---------------------------------------|
| Inside Kinked Leads | Use -A after Ametherm's part # |
| Outside Kinked Leads | Not Available |

For example: to order an inside kinked lead use part number SL05 10002-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 | 2.0 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 | 15.0 second |
| Maximum "ON" Resistance @ 2.0 amp | 0.115 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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