

Part Number: SL05 7R003

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 7R003-A



Electrical Specifications:

Resistance @ 25°C	7.0 Ω ± 20%
Resistance @ 0°C/ Resistance @ 50°C	4.95 ± 1%
Resistance @ 25°C/ Resistance @ 125°C	12.8 ± 2%
Beta	2929 ± 0.87%
Maximum Steady State Current	3.0 A
Maximum " ON" Resistance @ 2.0 Amp	0.060 Ω
Maximum Instantaneous Energy (Joules)	2.0 J
Maximum Capacitance @ 120VAC/ 240VAC	120μF / 30μF
Material Type	"B"
Dissipation Constant	5.0 Mw/°C
Thermal Time Constant	15.0 seconds
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

Revision Date: March 19, 2003

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701
 Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

www.ametherm.com