

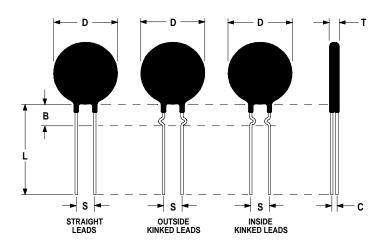
DATA SHEET

Part Number: SL10 2R505

Ordering Different Lead Types:

| Inside Kinked Leads | Use -A after Ametherm's part # |
|----------------------|---------------------------------------|
| Outside Kinked Leads | Use -B after Ametherm's part # |

For example: to order an inside kinked lead use part number <u>SL10 2R505-A</u>



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 Ω |
| Resistance @ 50% of Max Current | 0.216 Ω |
| 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 | $10.0 \pm 0.5 \text{ mm}$ | |
|----------------|---------------------------|--|
| T | $4.5 \pm 0.5 \text{ mm}$ | |
| Lead Diameter | 0.5 mm Nom | |
| S | 6.0 mm Nom | |
| L | 38.0 mm Min | |
| Straight Leads | Standard | |
| | | |

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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