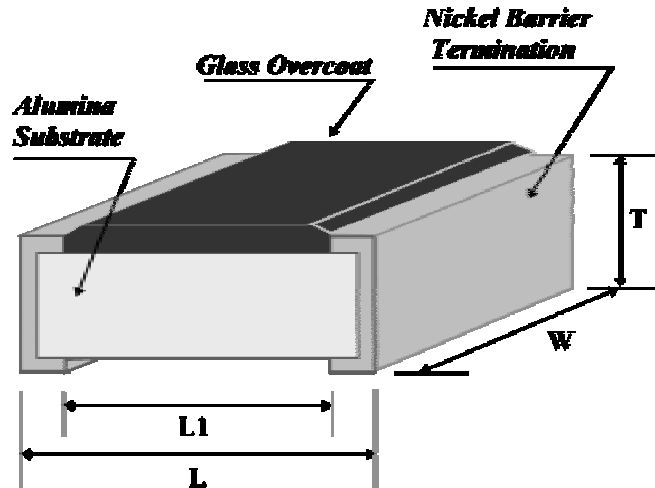


Part Number: SM06 154450



Electrical Specifications:

| | |
|---|--------------------------|
| Resistance @ 25°C | 150.0K $\Omega \pm 10\%$ |
| Beta | 4500 $\pm 2\%$ |
| Temperature Coefficient (α) | -4.78% / °C |
| Dissipation Constant | 1.50 mW/°C |
| Thermal Time Constant | 5.0 Seconds |
| Maximum Continuous Power (P ₂₅) | 200.0 mW |
| Operating Temperature | -40°C \approx +125°C |
| Termination | Nickel Barrier |
| Material Type | Curve Attached |

Mechanical Specifications:

| | |
|----------------|-------------------------------|
| L | 1.6 \pm 0.15 mm |
| W | 0.80 \pm 0.15 mm |
| T | 0.5 \pm 0.10 mm |
| L ₁ | 1.20 \pm 0.20 mm |
| Tape & Reel | Per Mil Std 201 Method 208 |
| Qty/Reel | 5000 pcs |

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

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DATA SHEET

Part Number: SM06 154450

Resistance Temperature Curve:

| Temperature | R@T/R@25°C |
|-------------|------------|
| -50 | 104.10 |
| -45 | 71.21 |
| -40 | 49.31 |
| -35 | 34.55 |
| -30 | 24.47 |
| -25 | 17.52 |
| -20 | 12.66 |
| -15 | 9.242 |
| -10 | 6.805 |
| -5 | 5.053 |
| 0 | 3.783 |
| 5 | 2.855 |
| 10 | 2.172 |
| 15 | 1.665 |
| 20 | 1.286 |
| 25 | 1.000 |
| 30 | 0.7828 |
| 35 | 0.6166 |
| 40 | 0.4886 |
| 45 | 0.3895 |
| 50 | 0.3122 |
| 55 | 0.2517 |
| 60 | 0.2041 |
| 65 | 0.1663 |
| 70 | 0.1363 |
| 75 | 0.1122 |
| 80 | 0.0928 |
| 85 | 0.0771 |
| 90 | 0.0643 |
| 95 | 0.0539 |
| 100 | 0.0454 |
| 105 | 0.0383 |
| 110 | 0.0325 |
| 115 | 0.0276 |
| 120 | 0.0236 |
| 125 | 0.0202 |
| 130 | 0.0174 |
| 135 | 0.0150 |
| 140 | 0.0130 |
| 145 | 0.0113 |
| 150 | 0.0098 |

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