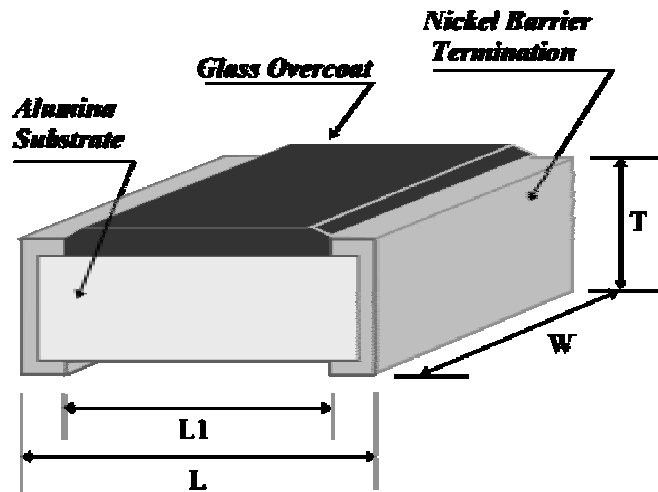


Part Number: SM06 502350



### **Electrical Specifications:**

|                                      |                          |
|--------------------------------------|--------------------------|
| Resistance @ 25°C                    | 5.0 K $\Omega$ $\pm$ 10% |
| Beta                                 | 3500 $\pm$ 2%            |
| Temperature Coefficient ( $\alpha$ ) | -4.5% / °C               |
| Dissipation Constant                 | 1.50 mW/°C               |
| Thermal Time Constant                | 5.0 Seconds              |
| Maximum Continuous Power (P25)       | 200.0 mW                 |
| Operating Temperature                | -40 °C $\approx$ +125°C  |
| Termination                          | Nickel Barrier           |
| Material Type                        | "M"                      |

### **Mechanical Specifications:**

|                |                               |
|----------------|-------------------------------|
| L              | 1.6 $\pm$ 0.15 mm             |
| W              | 0.80 $\pm$ 0.15 mm            |
| T              | 0.5 $\pm$ 0.10 mm             |
| L <sub>1</sub> | 1.20 $\pm$ 0.20 mm            |
| Tape & Reel    | Per Mil Std 201<br>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

[www.ametherm.com](http://www.ametherm.com)