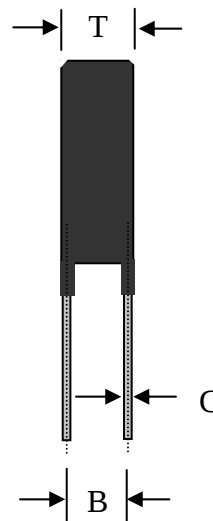
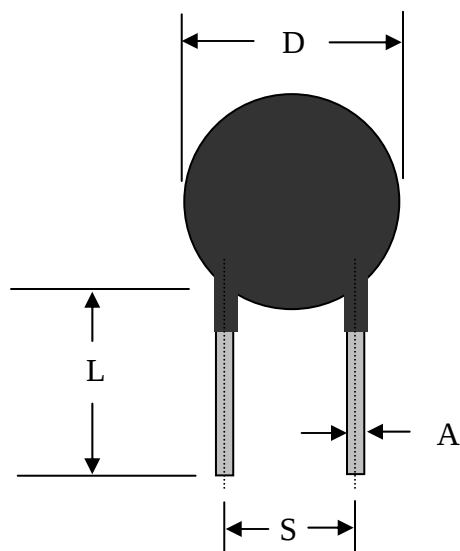


**Part Number: AS35 0R550**



**Electrical Specifications:**

|                                                       |                       |
|-------------------------------------------------------|-----------------------|
| Resistance @ 25°C                                     | 0.5 $\Omega \pm 25\%$ |
| Max Steady State Current Up to 65°C                   | 50.0 A                |
| Max recommended energy rating (Joules)                | 800.00 J              |
| Actual failure point of instantaneous energy (Joules) | 1400.00 J             |
| Resistance @ 100% of Max Current                      | 0.008 $\Omega$        |
| Resistance @ 50% of Max Current                       | 0.020 $\Omega$        |
| Body Temperature @ 100% Current rating                | 210 °C                |
| Dissipation Constant                                  | 78.20 mW/°C           |
| Thermal Time Constant                                 | 55 seconds            |
| Material Type                                         | B                     |
| ROHS Compliant                                        | Yes                   |
| MSL (moisture sensitivity level)                      | # 2                   |

**Mechanical Specifications:**

|                                    |             |
|------------------------------------|-------------|
| D                                  | 36.0 mm Max |
| T                                  | 8.4 mm Max  |
| S                                  | 19.0mm Nom  |
| Straight Leads<br>Coating run down | 8.0 mm Max  |
| L                                  | 22.0 mm Nom |
| A (Lead Width)                     | 2.2 mm Nom  |
| B                                  | 5.5 mm Nom  |
| C (Lead Thickness)                 | 0.8 mm Nom  |

Revision Date: 3/25/10