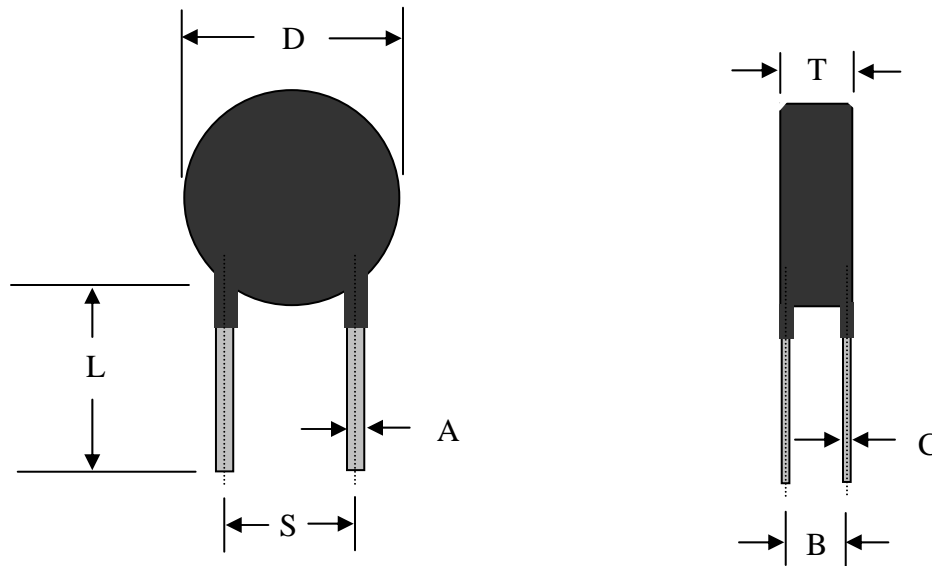


**Part Number: AS35 1R040**



**Electrical Specifications:**

|   |              |
|---|--------------|
| Resistance @ 25°C                                     | 1.0 Ω ± 25 % |
| Max Steady State Current Up to 65°C                   | 40.0 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 Ω      |
| Resistance @ 50% of Max Current                       | 0.020 Ω      |
| 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                                  | 8.5 mm Max  |
| S                                  | 19.0mm Nom  |
| Straight Leads<br>Coating run down | 6.5 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: 5/14/09

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