



**THE DATASHEET OF  
MS35 0R550**

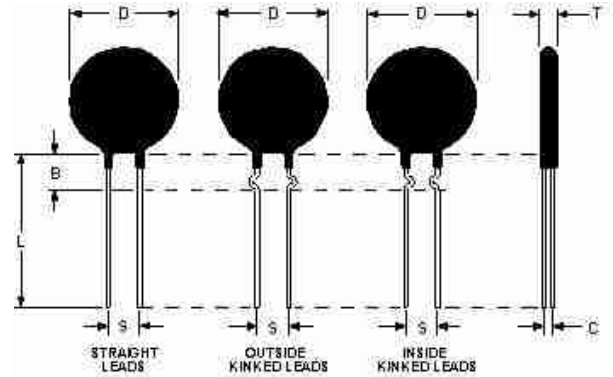




ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|   |      |       |
|---|------|-------|
| D:  | 37.0 | ± max |
| T:  | 9.0  | ± max |
| Lead Diameter                             | 2.7  | ± .1  |
| S:  | 19.0 | ± nom |
| L:  | 40.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 7.0  | ± max |
| B:  |      | ±     |
| C:  | 5.20 | ± nom |



**Electrical Specifications**

|                                       |        |       |        |
|---------------------------------------|--------|-------|--------|
| Resistance:                           | 0.5    | Ω     | ± 25 % |
| Max Steady State Current upto 65°C:   | 50.00  | A     |        |
| Max Rec. Energy Rating:               | 500    | J     |        |
| Actual Failure Instantaneous Energy:  | 1800   | J     |        |
| Maximum Capacitance @ 120 VAC:        | 62,000 | μf    |        |
| Maximum Capacitance @ 240 VAC:        | 15,629 | μf    |        |
| Maximum Capacitance @ 440 VAC:        | 3,612  | μf    |        |
| Maximum Capacitance @ 680 VAC:        | 1,800  | μf    |        |
| Resistance @ 100% Max Current:        | 0.01   | Ω     |        |
| Resistance @ 50% Max Current:         | 0.02   | Ω     |        |
| Body Temperature at 100% Max Current: | 215.00 | °c    |        |
| Dissipation Constant:                 | 78.0   | mw/°c |        |
| Thermal Time Constant:                | 240    | Sec.  |        |
| Material Type (for Beta and Curve):   | B      |       |        |

| <b>MS35 0R550</b>  |                          |
|--|--------------------------|
| Date: 11/11/2008   | Drawn by: Erin Landis    |
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|  | Revision: B              |

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