



ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|  |   |      |       |
|--|---|------|-------|
|  | D:  | 37.0 | ± max |
|  | T:  | 10.0 | ± max |
|  | Lead Diameter                             | 2.5  | ± nom |
|  | S:  | 19.0 | ± nom |
|  | L:  | 39.0 | ± nom |
|  | Coating Lead Run Down<br>(straight Leads) | 7.0  | ± max |
|  | B:  |      | ±     |
|  | C:  | 7.50 | ± nom |



**Electrical Specifications**

|  |                                       |        |       |        |
|--|---------------------------------------|--------|-------|--------|
|  | Resistance:                           | 3.0    | Ω     | ± 25 % |
|  | Max Steady State Current upto 65°C:   | 30.00  | A     |        |
|  | Max Rec. Energy Rating:               | 750    | J     |        |
|  | Actual Failure Instantaneous Energy:  | 1250   | J     |        |
|  | Maximum Capacitance @ 120 VAC:        | 51,600 | µf    |        |
|  | Maximum Capacitance @ 240 VAC:        | 13,024 | µf    |        |
|  | Maximum Capacitance @ 440 VAC:        | 3,010  | µf    |        |
|  | Maximum Capacitance @ 680 VAC:        | 1,500  | µf    |        |
|  | Resistance @ 100% Max Current:        | 0.03   | Ω     |        |
|  | Resistance @ 50% Max Current:         | 0.07   | 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):   | C      |       |        |

| <b>MS35 3R030</b>  |                          |
|--|--------------------------|
| Date: 11/11/2008   | Drawn by: Erin Landis    |
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|  | Revision: A              |