



ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 31.0 | ± max |
| T:                                        | 10.0 | ± max |
| Lead Diameter                             | 1.0  | ± nom |
| S:                                        | 7.8  | ± nom |
| L:                                        | 38.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 4.0  | ± max |
| B:                                        | 7.80 | ± nom |
| C:                                        | 6.70 | ± nom |



**Electrical Specifications**

|                                       |        |        |
|---------------------------------------|--------|--------|
| Resistance:                           | 20.0 Ω | ± 25 % |
| Max Steady State Current upto 65°C:   | 8.00   | A      |
| Max Rec. Energy Rating:               | 250    | J      |
| Actual Failure Instantaneous Energy:  | 500    | J      |
| Maximum Capacitance @ 120 VAC:        | 17,300 | µf     |
| Maximum Capacitance @ 240 VAC:        | 4,341  | µf     |
| Maximum Capacitance @ 440 VAC:        | 1,003  | µf     |
| Maximum Capacitance @ 680 VAC:        | 500    | µf     |
| Resistance @ 100% Max Current:        | 0.22   | Ω      |
| Resistance @ 50% Max Current:         | 0.89   | Ω      |
| Body Temperature at 100% Max Current: | 204.00 | °c     |
| Dissipation Constant:                 | 45.5   | mw/°c  |
| Thermal Time Constant:                | 194    | Sec.   |
| Material Type (for Beta and Curve):   | I      |        |

| <b>MS32 20008</b>                                                                            |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 02/05/2009                                                                             | Drawn by: Erin Landis    |
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|                                                                                              | Revision: a              |