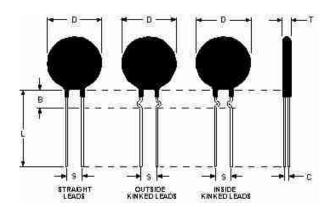


## Data Sheet MS22 5R015



## Mechanical Specifications (mm)

| D:               | 20.0 | ± 1    |
|------------------|------|--------|
| T:               | 7.0  | ± .7   |
| Lead Diameter    | 1.0  | ± .1   |
| S:               | 7.8  | ± 2    |
| L:               | 38.0 | ± 9    |
|                  | 5.0  | ± 1    |
| (straight Leads) |      |        |
| B:               | 7.50 | ± 2.50 |
| C:               | 3.82 | ± 1    |



## **Electrical Specifications**

| Resistance:                           | 5.0 Ω  | ± 25 % |
|---------------------------------------|--------|--------|
| Max Steady State Current upto 65°c:   | 15.00  | А      |
| Max Rec. Energy Rating:               | 200    | J      |
| Actual Failure Instantaneous Energy:  | 450    | J      |
|                                       |        |        |
| Resistance @ 100% Max Current:        | 0.04   | Ω      |
| Resistance @ 50% Max Current:         | 0.13   | Ω      |
| Body Temperature at 100% Max Current: | 194.00 | °C     |
| Dissipation Constant:                 | 45.4   | mw/°c  |
| Thermal Time Constant:                | 112    | Sec.   |
| Material Type (for Beta and Curve):   | С      |        |

| MS22 5R015   |                          |  |
|--|--------------------------|--|
| Date: 08/21/2012   | Drawn by: Erin Landis    |  |
| Ametherm, Inc.<br>3111 N. Deer Run Road<br>Carson City, Nevada USA 89701<br>www.ametherm.com | Approved By: Mehdi Samii |  |
|  | Revison: A               |  |