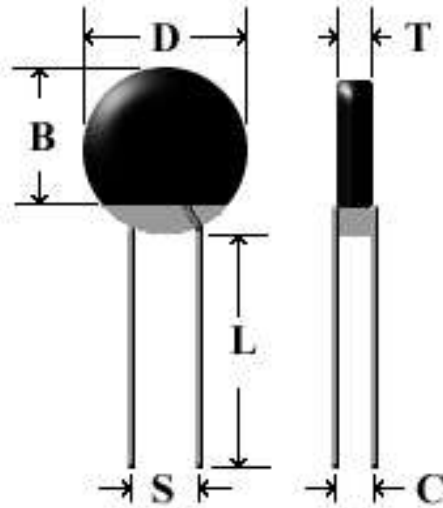


# AMETHERM

## Circuit Protection Thermistors

DATA SHEET

Part Number: MS22 10008-SH



### Electrical Specifications

Resistance @ 25 deg C	10.0 $\Omega$ $\pm$ 25%
Max Steady State Current up to 65° C	8.0 A
Max Recommended Energy Rating (Joules)	200.0 J
Actual Failure Point of Instantaneous Energy (Joules)	450.0 J
Resistance @ 100% of Max Current	0.090 $\Omega$
Resistance @ 50% of Max Current	0.180 $\Omega$
Body Temperature @ 100% Current Rating	194° C
Dissipation Constant	55.0 mW/°C
Thermal Time Constant	112 seconds
Beta	3000 °K
Maximum Capacitance @ 265 Vrms	2850 $\mu$ F

### Mechanical Specifications

D	20.0 $\pm$ 1.0 mm
T	8.0 $\pm$ 0.7 mm
S	7.8 $\pm$ 2.0 mm
L	38 $\pm$ 9.0 mm
B	$\frac{3}{4}$ of the body 17 mm +1.0 -3.0 mm
C	6.90 $\pm$ 1.0 mm
Lead Diameter	1.0 $\pm$ 0.1 mm
Coating	No coating on the leads

Revision Date: March 13, 2012

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