

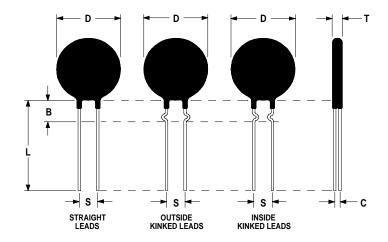
## **DATA SHEET**

Part Number: MS22 20005

## **Ordering Different Lead Types:**

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Use <b>-B</b> after Ametherm's part #

For example: to order an inside kinked lead use part number MS22 20005-A



## **Electrical Specifications:**

Resistance @ 25°C	$20.0 \Omega \pm 25\%$
Max Steady State Current Up to 65°C	5.0 A
Max Recommended Energy Rating (Joules)	180.0 J
Actual Failure Point of Instantaneous Energy (Joules)	360.0 J
Resistance @ 100% of Max Current	0.190 Ω
Resistance @ 50% of Max Current	0.485 Ω
Body Temperature @ 100% Current Rating	170 °C
Dissipation Constant	42.5mW/°C
Thermal Time Constant	114 seconds
Material Type	"H"
Max Recommended Capacitance	12000µF/
@120VAC/240VAC/440VAC	3000μF/ 900μF
Max Recommended Voltage	600 Vrms with
	420μF

## **Mechanical Specifications:**

D	$20.0 \pm 1.0 \text{ mm}$
T	$5.0 \pm 0.2 \text{ mm}$
Lead Diameter	$1.0 \pm 0.1 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Leads	$5.0 \pm 1.0 \text{ mm}$
Coating Run Down	
В	$9.35 \pm 0.85 \text{ mm}$
С	$3.82 \pm 1.0 \text{ mm}$

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