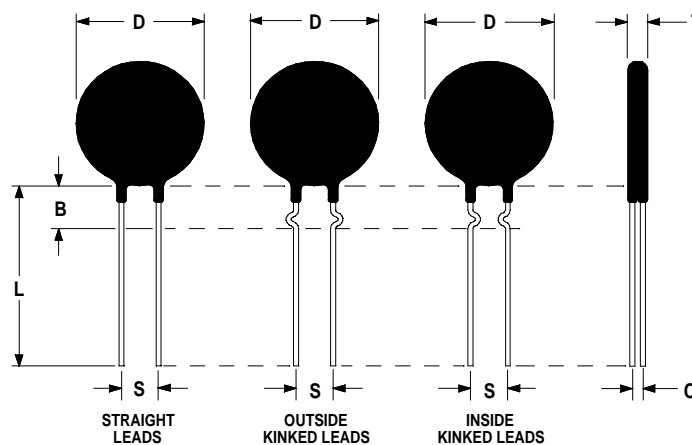


Part Number: MS22 20005

### 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 $\Omega$
Resistance @ 50% of Max Current	0.485 $\Omega$
Body Temperature @ 100% Current Rating	170 °C
Dissipation Constant	42.5mW/°C
Thermal Time Constant	114 seconds
Material Type	"H"
Max Recommended Capacitance @ 120VAC/240VAC/440VAC	12000 $\mu$ F/ 3000 $\mu$ F/ 900 $\mu$ F
Max Recommended Voltage	600 Vrms with 420 $\mu$ F

### Mechanical Specifications:

D	20.0 $\pm$ 1.0 mm
T	5.0 $\pm$ 0.2 mm
Lead Diameter	1.0 $\pm$ 0.1 mm
S	7.8 $\pm$ 2.0 mm
L	38.0 $\pm$ 9.0 mm
Straight Leads Coating Run Down	5.0 $\pm$ 1.0 mm
B	9.35 $\pm$ 0.85 mm
C	3.82 $\pm$ 1.0 mm

Revision Date: March 19, 2003

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