AMETHERM
Circuit Protection Thermistors

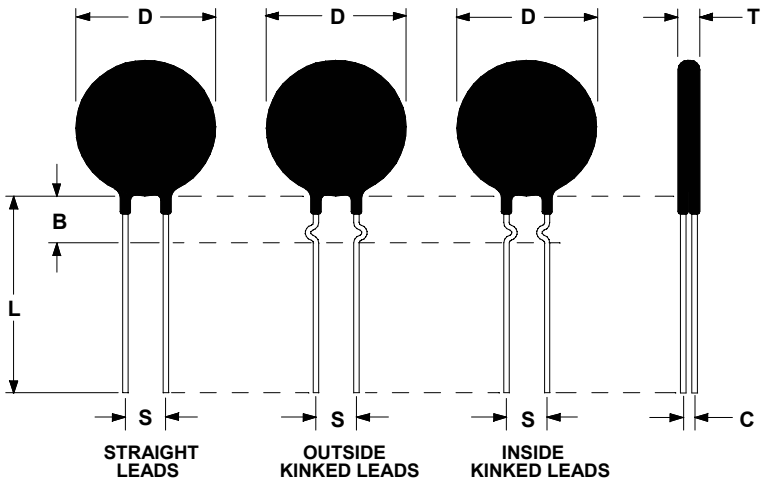
DATA SHEET

Part Number: MS32 5R020

Ordering Different Lead Types:

Inside Kinked Leads	Not available
Outside Kinked Leads	Use **–B** after Ametherm's Part #

For example: to order an outside kinked lead use part number MS32 5R020-**B**



Resistance @ 25°C	5.0 Ω ± 25%
Max Steady State Current Up to 65°C	20.0 A
Max Recommended Energy Rating	300.0 J
Actual Failure Point of Instantaneous Energy	670.0 J
Resistance @ 100 % of Maximum Current	0.035 Ω
Resistance @ 50% of Maximum Current	0.100 Ω
Body Temperature @ Max Current	204 °C
Dissipation Constant	55.4 mW/°C
Thermal Time Constant	194 seconds
Material Type	"G"
Max Recommended Capacitance @ 240/440 VAC	5200µF/1500µF

D	30.0 ±2.5 mm
T	7.0 ± 1.0 mm
Lead Diameter	1.0 ± 0.1 mm
S	7.8 ± 2.0 mm
L	38.0 ± 9.0 mm
Coating Run Down Straight Leads	5.0 ± 1.0 mm
B	9.22 ± 0.85 mm
C	3.82 ± 1.0 mm

Revision Date April 13, 2005

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