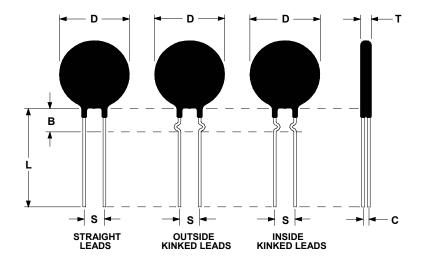


Part Number: MS32 1R030

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 1R030-B



Resistance @ 25°C	$1.0\Omega \pm 25\%$
Max Steady State Current Up to 65°C	30.0 A
Max Recommended Energy Rating	250.0 J
Actual Failure Point of Instantaneous Energy	525.0 J
Resistance @ 100 % of Maximum Current	0.014 Ω
Resistance @ 50% of Maximum Current	0.038 Ω
Body Temperature @ Max Current	190 °C
Dissipation Constant	45.4 mW/°C
Thermal Time Constant	194 seconds
Material Type	"B"
Max Recommended Capacitance @ 240/440 VAC	4000μF/1250μF

D	$30.0 \pm 2.5 \text{ mm}$
T	$7.0 \pm 1.0 \text{ mm}$
Lead Diameter	$1.2 \pm 0.1 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Coating Run Down	$5.0 \pm 1.0 \text{ mm}$
Straight Leads	
В	$11.5 \pm 3.50 \text{ mm}$
C	$3.82 \pm 1.0 \text{ mm}$

Revision Date 3/16/2004