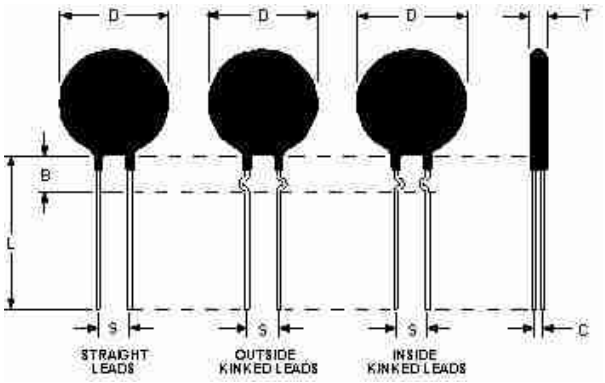
AMETHERM
Circuit Protection Thermistors

Data Sheet
MS32 20008

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	31.0	± max
T:	10.0	± max
Lead Diameter	1.0	± nom
S:	7.8	± nom
L:	38.0	± nom
Coating Lead Run Down (straight Leads)	4.0	± max
B:	7.80	± nom
C:	6.70	± nom



Electrical Specifications

Resistance:	20.0 Ω ± 25 %	
Max Steady State Current upto 65°c:	8.00	A
Max Rec. Energy Rating:	250	J
Actual Failure Instantaneous Energy:	500	J
Maximum Capacitance @ 120 VAC:	17,300	µf
Maximum Capacitance @ 240 VAC:	4,341	µf
Maximum Capacitance @ 440 VAC:	1,003	µf
Maximum Capacitance @ 680 VAC:	500	µf
Resistance @ 100% Max Current:	0.22	Ω
Resistance @ 50% Max Current:	0.89	Ω
Body Temperature at 100% Max Current:	204.00	°c
Dissipation Constant:	45.5	mw/°c
Thermal Time Constant:	194	Sec.
Material Type (for Beta and Curve):	I	

MS32 20008	
Date: 02/05/2009	Drawn by: Erin Landis
Ametherm, Inc. 3111 N. Deer Run Road Carson City, Nevada USA 89701 www.ametherm.com	Approved By: Mehdi Samii
	Revison: a

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