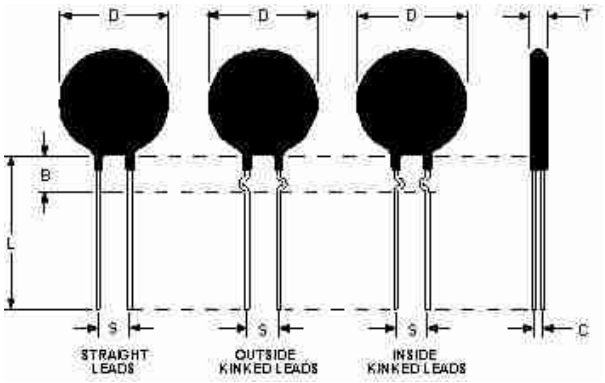
AMETHERM
Circuit Protection Thermistors

Data Sheet
MS22 30005

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	23.0	± max
T:	9.0	± max
Lead Diameter	1.0	± nom
S:	7.8	± nom
L:	38.0	± nom
Coating Lead Run Down (straight Leads)	4.0	± max
B:	9.20	± nom
C:	6.70	± nom



Electrical Specifications

Resistance:	30.0 Ω ± 20 %	
Max Steady State Current upto 65°c:	5.00	A
Max Rec. Energy Rating:	150	J
Actual Failure Instantaneous Energy:	285	J
Maximum Capacitance @ 120 VAC:	10,300	µf
Maximum Capacitance @ 240 VAC:	2,604	µf
Maximum Capacitance @ 440 VAC:	602	µf
Maximum Capacitance @ 680 VAC:	300	µf
Resistance @ 100% Max Current:	0.23	Ω
Resistance @ 50% Max Current:	0.65	Ω
Body Temperature at 100% Max Current:	174.00	°c
Dissipation Constant:	45.4	mw/°c
Thermal Time Constant:	112	Sec.
Material Type (for Beta and Curve):	H	

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	Revison: a

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