![AMETHERM - Circuit Protection Thermistors]

Mechanical Specifications (mm)

D:	23.0	±	max
T:	8.0	±	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:	6.35	±	nom

STRAIGHT LEADS   OUTSIDE KINKED LEADS   INSIDE KINKED LEADS
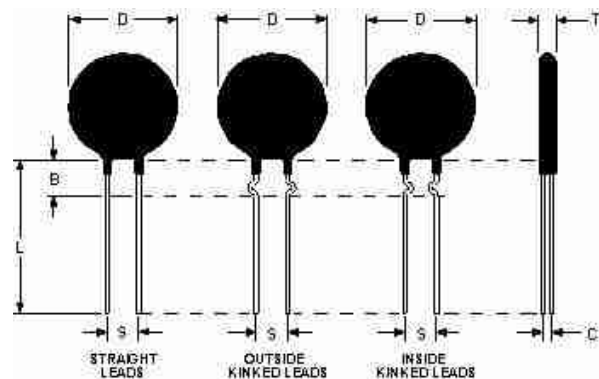
Electrical Specifications

Resistance:	20.0 Ω ± 25 %	
Max Steady State Current upto 65°c:	5.00	A
Max Rec. Energy Rating:	180	J
Actual Failure Instantaneous Energy:	360	J
Maximum Capacitance @ 120 VAC:	12,000	µf
Maximum Capacitance @ 240 VAC:	3,125	µf
Maximum Capacitance @ 440 VAC:	722	µf
Maximum Capacitance @ 680 VAC:	360	µf
Resistance @ 100% Max Current:	0.19	Ω
Resistance @ 50% Max Current:	0.48	Ω
Body Temperature at 100% Max Current:	170.00	°c
Dissipation Constant:	42.5	mw/°c
Thermal Time Constant:	114	Sec.
Material Type (for Beta and Curve):	H	

MS22 20005	
Date: 11/11/2008	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

IBS Electronics was established in 1980 in Southern California. IBS Electronics is an ISO 9001: 2008 certified authorized franchise distributor and a global leader in the delivery of innovative electronic components and logistic solutions. IBS Electronics operates a global Procurement Network that enables us to provide our services and products seamlessly worldwide. This network consists of a robust set of systems, skills, and tools that we use to efficiently manage production and services, regardless of geography, cost point, technology or end-market demand.

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