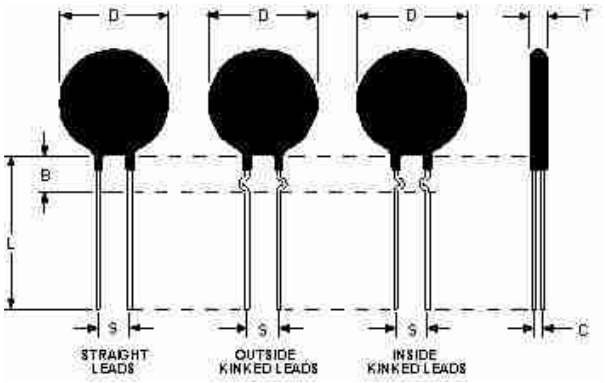
AMETHERM
Circuit Protection Thermistors

Data Sheet
SL10 10002

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	10.0	± max
T:	4.5	± max
Lead Diameter	0.5	± nom
S:	5.1	± nom
L:	38.0	± nom
Coating Lead Run Down (straight Leads)	3.0	± max
B:	5.60	± nom
C:	2.54	± nom



Electrical Specifications

Resistance:	10.0 Ω ± 25 %	
Max Steady State Current upto 65°c:	2.00	A
Max Rec. Energy Rating:	10	J
Actual Failure Instantaneous Energy:	30	J
Maximum Capacitance @ 120 VAC:	700	µf
Maximum Capacitance @ 240 VAC:	135	µf
Resistance @ 100% Max Current:	0.34	Ω
Resistance @ 50% Max Current:	0.60	Ω
Body Temperature at 100% Max Current:	124.00	°c
Dissipation Constant:	9.4	mw/°c
Thermal Time Constant:	20	Sec.
Material Type (for Beta and Curve):	C	

SL10 10002	
Date: 11/24/2008	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

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