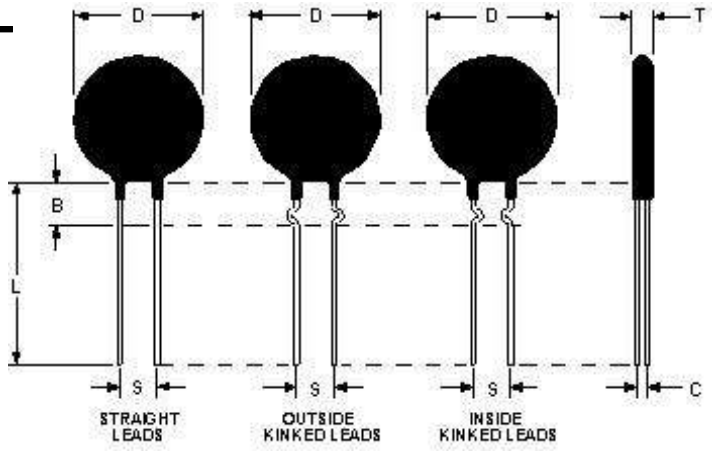
AMETHERM
Circuit Protection Thermistors

Data Sheet
SL10 2R505

File: E209153

Mechanical Specifications (mm)

D:	10.0	± max
T:	4.5	± max
Lead Diameter	0.5	± nom
S:	5.0	± nom
L:	38.0	± nom
Coating Lead Run Down (straight Leads)	3.0	± max
B:	5.00	± nom
C:	2.00	± nom



Electrical Specifications

Resistance:	2.5 Ω ± 30 %	
Max Steady State Current upto 65°c:	5.00	A
Max Rec. Energy Rating:	30	J
Maximum Capacitance @ 120 VAC:	2,000	µf
Maximum Capacitance @ 240 VAC:	520	µf
Resistance @ 100% Max Current:	0.00	Ω
Resistance @ 50% Max Current:	0.22	Ω
Body Temperature at 100% Max Current:	165.00	°c
Dissipation Constant:	10.0	mw/°c
Thermal Time Constant:	25	Sec.
Material Type (for Beta and Curve):	A	

SL10 2R505	
Date: 11/11/2008	Drawn by: Erin Landis
Ametherm, Inc. 961 Fairview Drive Carson City, Nevada USA 89701 www.ametherm.com	Approved By: Mehdi Samii
	Revison: A