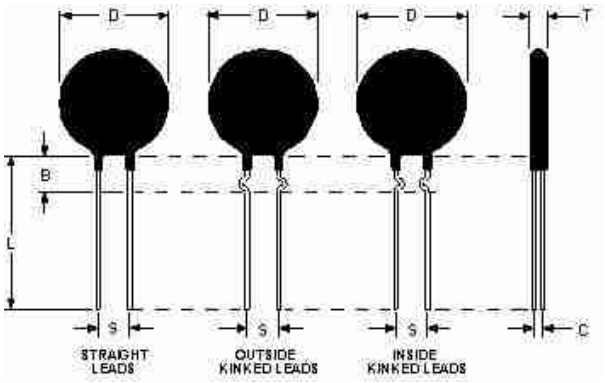
AMETHERM
Circuit Protection Thermistors

Data Sheet
SL05 10001

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	5.0	± .5
T:	2.5	± .5
Lead Diameter	0.5	± nom
S:	5.1	± nom
L:	38.0	± min
Coating Lead Run Down (straight Leads)		±
B:	2.50	± max
C:	1.90	± .70



Electrical Specifications

Resistance:	10.0 Ω ± 15 %	
Max Steady State Current upto 65°c:	1.00	A
Max Rec. Energy Rating:	6	J
Actual Failure Instantaneous Energy:	12	J
Resistance @ 100% Max Current:	0.40	Ω
Resistance @ 50% Max Current:	0.80	Ω
Body Temperature at 100% Max Current:	149.00	°c
Dissipation Constant:	6.5	mw/°c
Thermal Time Constant:	9	Sec.
Material Type (for Beta and Curve):	B	

SL05 10001	
Date: 04/08/2011	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