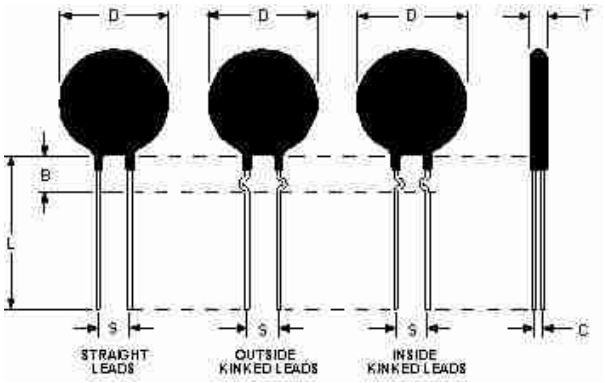
AMETHERM
Circuit Protection Thermistors

Data Sheet
SL15 7R005

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	16.0	± max
T:	6.0	± max
Lead Diameter	0.8	± nom
S:	7.8	± nom
L:	38.0	± nom
Coating Lead Run Down (straight Leads)	3.0	± max
B:	4.00	± nom
C:	3.80	± nom



Electrical Specifications

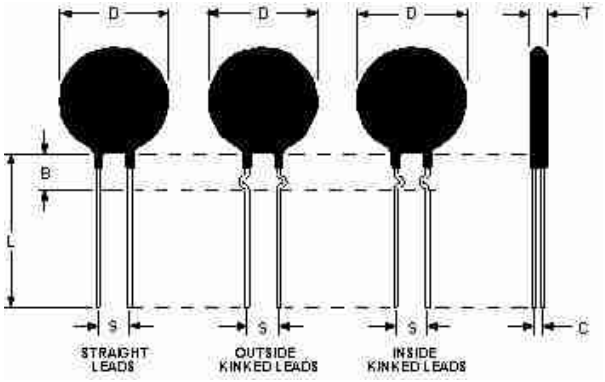
Resistance:	7.0 Ω ± 20 %	
Max Steady State Current upto 65°c:	5.00	A
Max Rec. Energy Rating:	60	J
Actual Failure Instantaneous Energy:	120	J
Maximum Capacitance @ 120 VAC:	4,167	µf
Maximum Capacitance @ 240 VAC:	1,041	µf
Resistance @ 100% Max Current:	0.09	Ω
Resistance @ 50% Max Current:	0.17	Ω
Body Temperature at 100% Max Current:	172.00	°c
Dissipation Constant:	15.9	mw/°c
Thermal Time Constant:	54	Sec.
Material Type (for Beta and Curve):	G	

SL15 7R005	
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

ISO9001:2008 Certified

Mechanical Specifications (mm)

D:	15.0	± .5
T:	4.5	± .2
Lead Diameter	0.8	± .1
S:	7.8	± 2.0
L:	38.0	± 9
Coating Lead Run Down (straight Leads)	5.0	± 1
B:	6.35	± .60
C:	2.82	± .5



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