

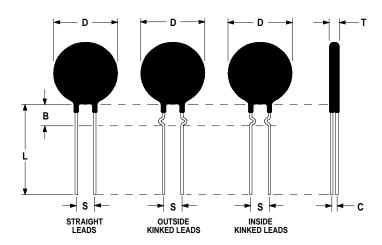
DATA SHEET

Part Number: SL12 16002

Ordering Different Lead Types:

Inside Kinked Leads	Use -A after Ametherm's part #
Outside Kinked Leads	Use -B after Ametherm's part #

For example: to order an inside kinked lead use part number <u>SL12 16002-A</u>



Electrical Specifications:

Resistance @ 25°C	$16.0 \Omega \pm 20\%$
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	25.0 J
Actual Failure Point of Instantaneous Energy (Joules)	50.0 J
Resistance @ 100% of Max Current	0.320Ω
Resistance @ 50% of Max Current	0.640 Ω
Body Temperature @ 100% Current Rating	132 °C
Dissipation Constant	13.9mW/°C
Thermal Time Constant	54 seconds
Material Type	"G"
Max Recommended Capacitance @ 120VAC/240VAC	1700μF/400μF

Mechanical Specifications:

$\begin{array}{cccc} D & 12.0 \pm 0.5 \text{ mm} \\ \hline T & 4.5 \pm 0.2 \text{ mm} \\ \hline Lead Diameter & 1.0 \pm 0.1 \text{ mm} \\ \hline S & 7.8 \pm 2.0 \text{ mm} \\ \hline L & 38.0 \pm 9.0 \text{ mm} \\ \hline Straight Leads & See Dimension \\ \hline Coating Run Down & B Below \\ \hline B & 11.5 \pm 3.50 \text{ mm} \\ \hline C & 2.82 \pm 0.50 \text{ mm} \\ \hline \end{array}$		
	D	$12.0 \pm 0.5 \text{ mm}$
$\begin{array}{ccc} S & 7.8 \pm 2.0 \text{ mm} \\ L & 38.0 \pm 9.0 \text{ mm} \\ Straight Leads & See Dimension \\ Coating Run Down & B Below \\ B & 11.5 \pm 3.50 \text{ mm} \\ \end{array}$	T	$4.5 \pm 0.2 \text{ mm}$
	Lead Diameter	$1.0 \pm 0.1 \text{ mm}$
Straight Leads See Dimension Coating Run Down B Below B 11.5 ± 3.50 mm	S	$7.8 \pm 2.0 \text{ mm}$
Coating Run Down B Below B 11.5 ± 3.50 mm	L	$38.0 \pm 9.0 \text{ mm}$
B 11.5 ± 3.50 mm	Straight Leads	See Dimension
2 11.3 ± 5.30 mm	Coating Run Down	B Below
C $2.82 \pm 0.50 \text{ mm}$	В	$11.5 \pm 3.50 \text{ mm}$
	С	$2.82 \pm 0.50 \text{ mm}$

CSA File Number: #CA118061 Revision Date: March 19, 2003

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701 Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

www.ametherm.com