



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



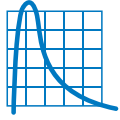
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T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

NTC Type SA

Interchangeable Thermistors

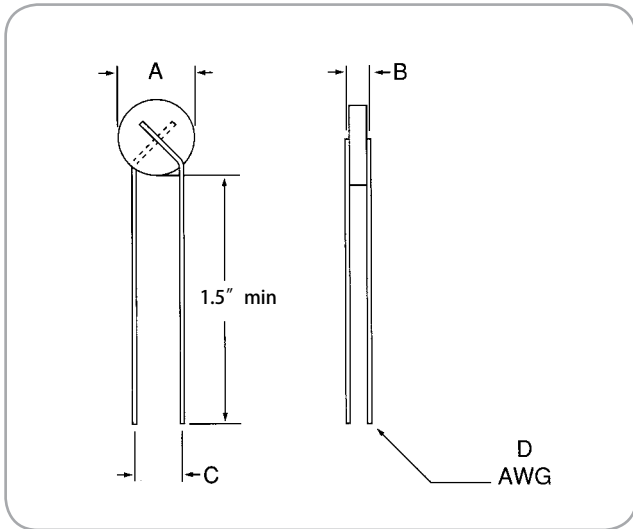
Interchangeable thermistor with bare lead-wires.



Features

- Low cost solid state sensor
- Standard $\pm 1^{\circ}\text{C}$ accuracy from 0°C to 120°C
- High sensitivity to changes in temperature
- Suitable for temperature measurement, control and compensation
- Excellent mechanical strength
- Wide operating temperature range: -50°C to 150°C
- Suitable for PCB and probe mountings
- Available in a wide range of resistance values
- Also available with epoxy coating and on tape and reel to EIA RS-468A for automatic insertion
- Beta value ($25^{\circ}\text{C} - 85^{\circ}\text{C}$) = 4073k
- Material system D10.3

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Options

- Coated with fluid bed epoxy, e.g., "SC" suffix
- Tape and reel, e.g., "SR" suffix
- Coated and T&R, e.g., "SCR" suffix
- Other resistances in the range of 1 kΩ to 10Ω
- Other tolerances, tolerances at other temperatures
- Alternative lead lengths, lead materials, insulations

Type Number	Ro@25°C (Ohms)	A		B		C		D (AWG)	d.c. (mW/C)	t.c. (sec.)
		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)			
RL3005-574.0-103-SA	1000	0.32	8.13	0.14	3.56	0.25	6.35	24	3.5	30
RL2005-1148-103-SA	2000	0.22	5.59	0.14	3.56	0.15	3.81	24	2.5	20
RL2006-1600-103-SA	2786	0.22	5.59	0.15	3.81	0.15	3.81	24	2.5	20
RL2007-1723-103-SA	3000	0.22	5.59	0.16	4.06	0.15	3.81	24	2.5	20
RL2008-2010-103-SA	3500	0.22	5.59	0.17	4.32	0.15	3.81	24	2.5	20
RL1003-2871-103-SA	5000	0.11	2.79	0.11	2.79	0.10	2.54	26	1.0	10
RL1004-4019-103-SA	7000	0.11	2.79	0.12	3.05	0.10	2.54	26	1.0	10
RL1005-5744-103-SA	10000	0.11	2.79	0.13	3.30	0.10	2.54	26	1.0	10

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