THERMOMETRICS
A COMMITMENT TO EXCELLENCE

NTC Type SA
Interchangeable Thermistors

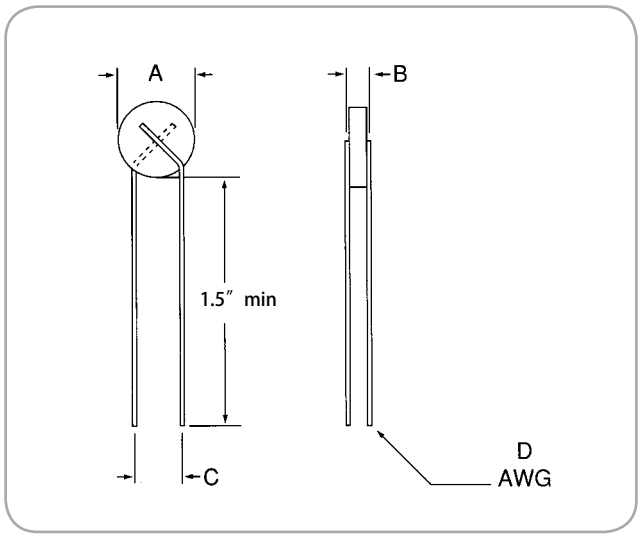


Interchangeable thermistor with bare lead-wires.

Features

- Low cost solid state sensor
- Standard ±1°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°C - 85°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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