



NTC THERMISTORS: TYPE RL14

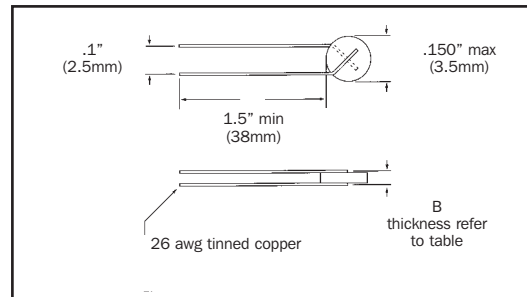
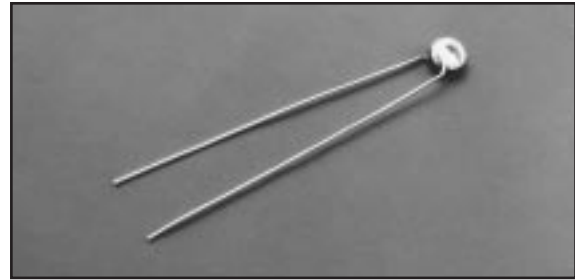
UNCOATED DISC WITH RADIAL LEADS

DESCRIPTION:

Point-matched disc thermistor with bare lead-wires.

FEATURES:

- Low cost solid state sensor
- Standard resistance tolerances down to $\pm 2\%$
- 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 material systems
- Also available with epoxy coating
- Available on tape and reel to EIA RS-468A for automatic insertion



TYPE NUMBER	Ro@25C (Ohms)	Material System	Beta 25/85	B		δ (mW/K)	τ (sec.)
				(in.)	(mm.)		
RL1404-32.8-59-M	50	D5.9	3096	0.130	3.30	5.5	10
RL1403-125-73-K	200	D7.3	3468	0.120	3.05	5.5	6
RL1403-119-85-K	200	D8.5	3772	0.120	3.05	5.5	6
RL1404-156-73-K	250	D7.3	3468	0.130	3.30	5.5	6
RL1404-187-73-K	300	D7.3	3468	0.130	3.30	5.5	10
RL1404-178-85-K	300	D8.5	3772	0.130	3.30	5.5	10
RL1403-578-95-K	1K	D9.5	3965	0.120	3.05	5.5	6
RL1403-873-97-K	1.5K	D9.7A	3972	0.120	3.05	5.5	6
RL1404-1164-97-K	2K	D9.7A	3972	0.130	3.30	5.5	10
RL1403-1600-103-K	2786	D10.3	4073	0.120	3.05	5.5	6
RL1404-2010-103-K	3.5K	D10.3	4073	0.130	3.30	5.5	10
RL1403-2753-120-K	5K	D12.0	4356	0.120	3.05	5.5	6
RL1404-4131-120-K	7.5K	D12.0	4356	0.130	3.30	5.5	10
RL1406-5506-120-K	10K	D12.0	4356	0.150	3.81	6.0	15

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				(in.)	(mm.)		
RL1404-8304-122-K	15K	D12.2	4365	0.130	3.30	5.5	10
RL1405-11K-122-K	20K	D12.2	4365	0.140	3.56	6.0	10
RL1403-13.3K-140-K	25K	D14.0	4615	0.120	3.05	5.5	6
RL1404-16K-140-K	30K	D14.0	4615	0.130	3.30	5.5	10
RL1403-26.3K-150-K	50K	D15.0	4728	0.120	3.05	5.5	6
RL1404-39.6K-150-K	70K	D15.0	4728	0.130	3.30	5.5	10
RL1404-40.6K-138-K	75K	D13.8	4561	0.130	3.30	5.5	10
RL1404-44.5K-155-K	85K	D15.5	4783	0.130	3.30	5.5	10
RL1405-54.1K-138-K	100K	D13.8	4561	0.140	3.56	6.0	10
RL1404-52.3K-155-K	100K	D15.5	4783	0.130	3.30	5.5	10

OPTIONS:

- Epoxy coated, add "C" suffix to Part Number
- Tape and reel, add "R" suffix to Part Number
- Other resistances in the range 50 Ω to 200k Ω available
- Other resistance tolerances, tolerances at other temperatures
- Tolerance codes: G = 2%
J = 5%
K = 10%
L = 15%
M = 20%
- Alternative lead lengths, lead materials, insulations

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