



NTC THERMISTORS: TYPE RL35/40/45

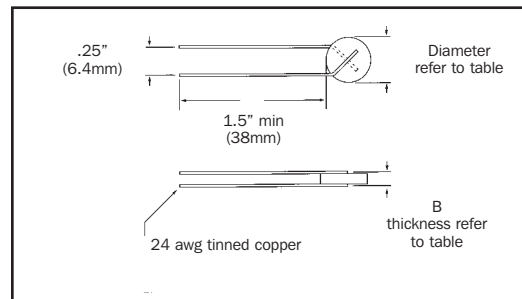
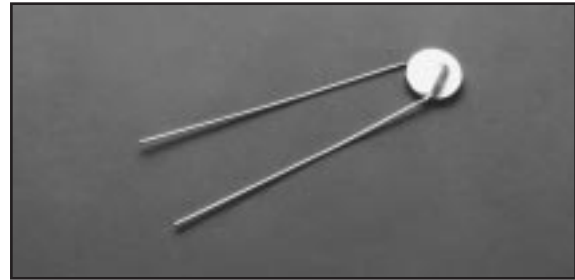
UNCOATED DISC WITH RADIAL LEADS

DESCRIPTION:

Point-matched disc thermistor with bare lead-wires.

FEATURES:

- Lost 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	A		B		δ (mW/C)	τ (sec.)
				(in.)	(mm.)	(in.)	(mm.)		
RL3504-31.2-73-K	50	D7.3	3468	0.370	9.40	.130	3.30	7.5	45
RL4006-29.7-85-K	50	D8.5	3772	0.430	10.92	.150	3.81	9.0	40
RL4005-116-95-K	200	D9.5	3965	0.430	10.92	.140	3.56	9.0	40
RL4004-175-97-K	300	D9.7A	3972	0.430	10.92	.130	3.30	9.0	40
RL4005-2670-140-K	5K	D14.0	4615	0.430	10.92	.140	3.56	9.0	40
RL4005-5267-150-K	10K	D15.0	4728	0.430	10.92	.140	3.56	9.0	40
RL4504-3.28-59-K*	5	D5.9	3096	0.480	12.19	.140	3.56	10.0	60

* 22AWG tinned copper with .328" spacing

OPTIONS:

- Epoxy coated, add "C" suffix to Part Number
- Tape and reel, add "R" suffix to Part Number
- Other resistances in the range 5Ω to $20k\Omega$ 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