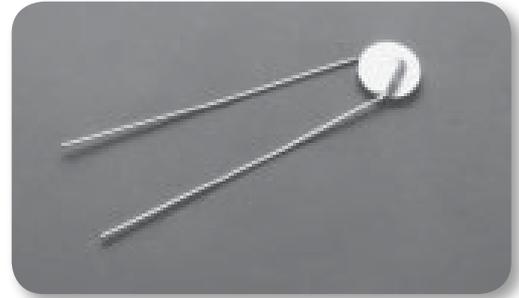


T H E R M O M E T R I C S  
A C O M M I T M E N T T O E X C E L L E N C E

# NTC Thermistors Types RL35/40/45

## Uncoated Disc With Radial Leads



### Description

Point-matched disc thermistor with bare lead-wires.

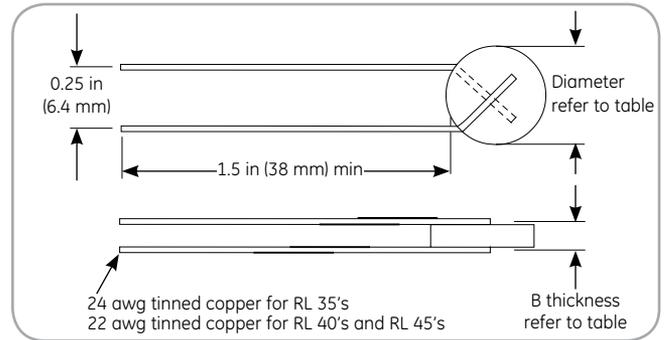
### Features

- Low cost solid-state sensor
- 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:  
-58°F to 302°F (-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

**Amphenol**  
**Advanced Sensors**

# Types RL35/40/45 Specifications

Type Number	Ro@25°C Ω	Material Systems	Beta 25/85	A in mm	B in mm	δ (mW/K)	τ (sec.)
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



## Options

- Other resistances and tolerances at other temperatures available.
- Resistance tolerance codes: G = 2%
  - J = 5%
  - K = 10%
  - L = 15%
  - M = 20%
- Alternative lead lengths, lead materials, insulations
- The - "K" suffix is the same as the "DI" suffix in earlier catalogs

# Mouser Electronics

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[RL3504-31.2-73-D1](#) [RL4504-3.28-59-D1](#) [RL3504-31.2-73-S32](#) [RL4504-3.28-59-S54](#)