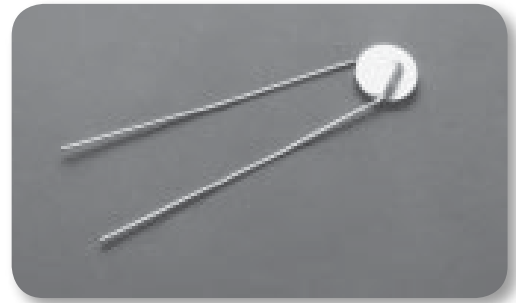


T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

NTC Thermistors Types RL35/40/45

Uncoated Disc With Radial Leads



Description

Point-matched disc thermistor with bare lead-wires.

Features

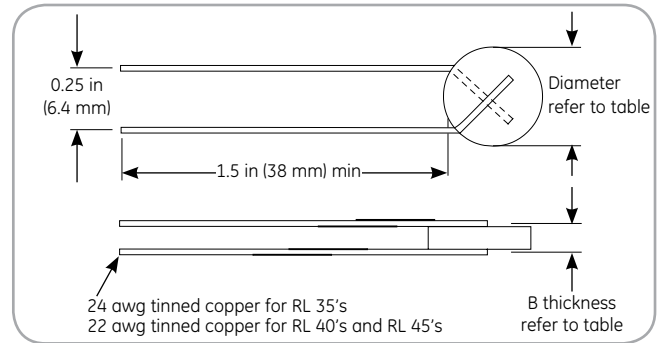
- Low cost solid-state sensor
- Resistance tolerances down to $\pm 2\%$
- High sensitivity to changes in temperature
- Suitable for temperature measurement, control and compensation
- Excellent mechanical strength
- Wide operating temperature range:
-58°F to 302°F (-50°C to 150°C)
- Suitable for PCB 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