



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



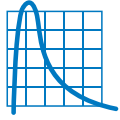
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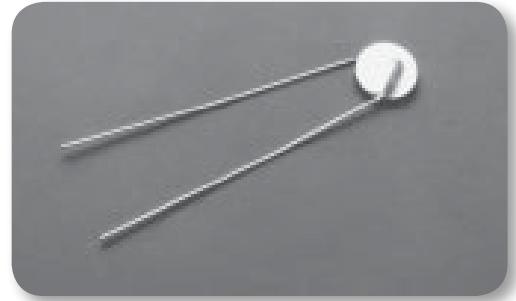




T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

NTC Thermistors Types RL35/40/45

Uncoated Disc With Radial Leads



Description

Point-matched disc thermistor with bare lead-wires.

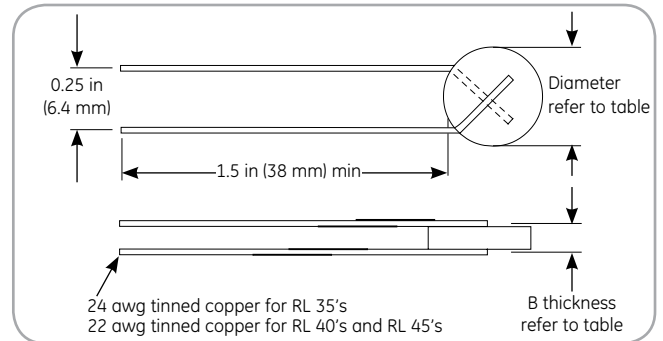
Features

- 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

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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

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AAS-920-415A-04/2014