

GE Sensing

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 EIA RS-468A for automatic insertion

Description

Point-matched disc thermistor with bare lead-wires.

NTC Thermistor Type RL10

Uncoated Disc With Radial Leads

NTC Thermistor is a Thermometrics product. Thermometrics has joined other GE high-technology sensing businesses under a new name—GE Sensing.



Type RL10 Specifications

| Type Number | Ro@25°C Ω | Material Systems | Beta 25/85 | B | | δ (mW/K) | τ (sec.) |
|---------------------|--------------|---------------------|---------------|------|------|-------------|-------------|
| | | | | in | mm | | |
| RL1003-49.2-59-M | 75 | D5.9 | 3096 | .110 | 2.79 | 9 | 2.5 |
| RL1004-65.6-59-M | 100 | D5.9 | 3096 | .120 | 3.05 | 2.5 | 9 |
| RL1005-82-59-M | 125 | D5.9 | 3096 | .130 | 3.30 | 2.5 | 10 |
| RL1006-98.4-59-M | 150 | D5.9 | 3096 | .140 | 3.56 | 2.7 | 10 |
| RL1003-238-85-K | 400 | D8.5 | 3772 | .110 | 2.79 | 2.5 | 9 |
| RL1003-312-73-K | 500 | D7.3 | 3468 | .110 | 2.79 | 2.5 | 9 |
| RL1004-297-85-K | 500 | D8.5 | 3772 | .120 | 3.05 | 2.5 | 9 |
| RL1005-468-73-K | 750 | D7.3 | 3468 | .130 | 3.30 | 2.5 | 10 |
| RL1006-475-85-K | 800 | D8.5 | 3772 | .140 | 3.56 | 2.7 | 10 |
| RL1007-624-73-K | 1000 | D7.3 | 3468 | .150 | 3.81 | 2.8 | 10 |
| RL1007-594-85-K | 1000 | D8.5 | 3772 | .150 | 3.81 | 2.8 | 10 |
| RL1003-1157-95-K | 2K | D9.5 | 3965 | .110 | 2.79 | 2.5 | 9 |
| RL1004-1446-95-K | 2.5K | D9.5 | 3965 | .120 | 3.05 | 2.5 | 9 |
| RL1005-1735-95-K | 3K | D9.5 | 3965 | .130 | 3.30 | 2.5 | 10 |
| RL1003-1746-97-K | 3K | D9.5 | 3965 | .110 | 2.79 | 2.5 | 9 |
| RL1007-2313-95-K | 4K | D9.5 | 3965 | .150 | 3.81 | 2.8 | 10 |
| RL1004-2910-97-K | 5K | D9.7A | 3972 | .120 | 3.05 | 2.5 | 9 |
| RL1003-2871-103-K | 5K | D10.3 | 4073 | .110 | 2.79 | 2.5 | 9 |
| RL1004-4019-103-K | 7K | D10.3 | 4073 | .120 | 3.05 | 2.5 | 9 |
| RL1007-4364-97-K | 7.5K | D9.7A | 3972 | .150 | 3.81 | 2.8 | 10 |
| RL1009-5820-97-K | 10K | D9.7A | 3972 | .170 | 4.32 | 3.0 | 10 |
| RL1005-5744-103-K | 10K | D10.3 | 4073 | .130 | 3.30 | 2.5 | 10 |
| RL1007-6890-103-K | 12K | D10.3 | 4073 | .150 | 3.81 | 2.8 | 10 |
| RL1004-8262-120-K | 15K | D12.0 | 4356 | .120 | 3.05 | 2.5 | 9 |
| RL1006-11K-120-K | 20K | D12.0 | 4356 | .140 | 3.56 | 2.7 | 10 |
| RL1007-13.8K-120-K | 25K | D12.0 | 4356 | .150 | 3.81 | 2.8 | 10 |
| RL1003-13.8K-122-K | 25K | D12.2 | 4365 | .110 | 2.79 | 2.5 | 9 |
| RL1005-22.1K-122-K | 40K | D12.2 | 4365 | .130 | 3.30 | 2.5 | 10 |
| RL1006-26.6K-122-K | 50K | D12.2 | 4365 | .140 | 3.56 | 2.7 | 10 |
| RL1003-26.7K-140-K | 50K | D14.0 | 4615 | .110 | 2.79 | 2.5 | 9 |
| RL1007-33.2K-122-K | 60K | D12.2 | 4365 | .150 | 3.81 | 2.8 | 10 |
| RL1004-34.7K-140-K | 65K | D14.0 | 4615 | .120 | 3.05 | 2.5 | 9 |
| RL1005-42.7K-140-K | 80K | D14.0 | 4615 | .130 | 3.30 | 2.5 | 10 |
| RL1006-53.4K-140-K | 100K | D14.0 | 4615 | .140 | 3.56 | 2.7 | 10 |
| RL1003-52.7K-150-K | 100K | D15.0 | 4228 | .110 | 2.79 | 2.5 | 9 |
| RL1004-81.1K-138-K | 150K | D13.8 | 4561 | .120 | 3.05 | 2.5 | 9 |
| RL1003-78.4K-155-K | 150K | D15.5 | 4793 | .110 | 2.79 | 2.5 | 9 |
| RL1005-79K-150-K | 150K | D15.0 | 4228 | .130 | 3.30 | 2.5 | 10 |
| RL1005-108.2K-138-K | 200K | D13.8 | 4561 | .130 | 3.30 | 2.5 | 10 |
| RL1006-105.3K-150-K | 200K | D15.0 | 4228 | .140 | 3.56 | 2.7 | 10 |
| RL1004-104.7K-155-K | 200K | D15.5 | 4793 | .120 | 3.05 | 2.5 | 9 |
| RL1005-130.9K-155-K | 250K | D15.5 | 4793 | .130 | 3.30 | 2.5 | 10 |
| RL1006-135.2K-138-K | 250K | D13.8 | 4561 | .140 | 3.56 | 2.7 | 10 |
| RL1007-162.3K-138-K | 300K | D13.8 | 4561 | .150 | 3.81 | 2.8 | 10 |
| RL1006-157K-155-K | 300K | D15.5 | 4793 | .140 | 3.56 | 2.7 | 10 |
| RL1007-183K-155-K | 350K | D15.5 | 4793 | .150 | 3.81 | 2.8 | 10 |



Options

- Other resistances and tolerances at other temperatures are 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.



©2007 GE. All rights reserved.
920-411A

All specifications are subject to change for product improvement without notice. GE® is a registered trademark of General Electric Co. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies, which are not affiliated with GE.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9