

GE SENSING / THERMOMETRICS Products



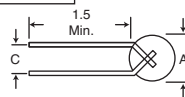
GE Sensing & Inspection Technologies

Products may be RoHS compliant. Check mouser.com for RoHS status.

NTC THERMISTORS

NTC (Negative Temperature Coefficient) thermistors decrease in resistance as temperature increases. The maximum operating temperature is 150°C. Zero-power resistance values at 25°C range from 10Ω to 250KΩ; other values available upon request.

*Resistance tolerance is ±10%, except where denoted by an asterisk which is ±20%



DIMENSIONS: in.

For quantities of 100 and up, call for quote.

Table with columns: MOUSER STOCK NO., GE Part Number, Ohms (Ω), A (In.), B (In.), C (In.), D (AWG), Price Each (1, 10). Rows include part numbers like 527-1004-100, 527-1003-500, etc.

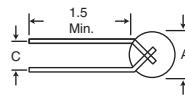
For quantities of 100 and up, call for quote.

Table with columns: MOUSER STOCK NO., GE Part Number, Ohms (Ω), A (In.), B (In.), C (In.), D (AWG), Price Each (1, 10). Rows include part numbers like 527-2006-200, 527-2003-500, etc.

INRUSH CURRENT LIMITERS

Limiters protect against extremely high peak inrush current, especially in AC/DC switching power supplies. These NTC thermistors effectively control surge currents because the thermal time constant of the current limiter is longer than the electrical time constant (RC) of the thermistor and the capacitor.

Also available, by special order, with kinked leads.



DIMENSIONS: in.

For quantities of 250 and up, call for quote.



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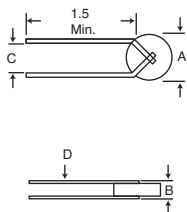
Table with columns: MOUSER STOCK NO., GE Part Number, Ohms (Ω), Amps, A Max. (In.), B Max. (In.), C Ref. (In.), D (AWG), Price Each (1, 10, 100). Rows include part numbers like 527-CL30, 527-CL40, etc.

Table with columns: MOUSER STOCK NO., GE Part Number, Ohms (Ω), Amps, A Max. (In.), B Max. (In.), C Ref. (In.), D (AWG), Price Each (1, 10, 100). Rows include part numbers like 527-CL110, 527-CL120, etc.

PTC THERMISTORS/ RESETTABLE FUSES

The values for dissipation constant and time constant listed in the table below are reference values. Actual values are a function of mounting, air flow and other factors which affect the PTC's (Positive Temperature Coefficient) ability to dissipate heat. Standard PTC's are supplied uninsulated, but can be supplied with an insulation upon request.

For quantities of 250 and up, call for quote.

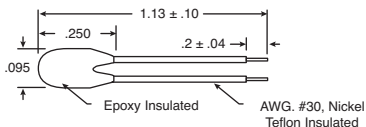


DIMENSIONS: in.

Table with columns: MOUSER STOCK NO., GE Part Number, Operating Voltage, Ohms (Ω) @ 25°C ±30%, Dissipation Constant mW/°C, Transition Temp. T_s °C, A (In.), B (In.), C (In.), D (AWG), Price Each (1, 10, 100). Rows include part numbers like 527-5305-12V1, 527-5305-12V2, etc.

MINIATURE SENSORS 1°C ACCURACY

- Temperature accuracy: ±1°C @ 25°C • Dissipation constant: 1.4mW/°C • Time constant: 15 sec. • Operating range: -50°C to +150°C



DIMENSIONS: in.

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Table with columns: MOUSER STOCK NO., GE Type (RL0503), Material, Price Each (1, 10, 100). Rows include part numbers like 527-0503-2K, 527-0503-5K, etc.

Table with columns: MOUSER STOCK NO., GE Type (RL0503), Material, Price Each (1, 10, 100). Rows include part numbers like 527-0503-30K, 527-0503-50K, etc.

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Thermal Protection

GE Sensing / Thermometrics