



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 Epoxy Chip Series

Thermometrics Thermistors



Features

- Low cost, solid state temperature sensor
- Suitable for use over range of -112°F to 302°F (-80°C to 150°C)
- High sensitivity greater than -4% /°C at 77°F (25°C)
- Suitable for temperature measurement , control and compensation
- High reliability and stability
- Resin coated for good mechanical strength and resistance to solvents
- Standard resistance tolerances down to $\pm 2\%$
- High sensitivity to changes in temperature
- Excellent mechanical strength
- Wide operating temperature range: -58°F to 300°F (-50°C to 150°C)
- Suitable for PCB and probe mountings
- Available in a wide range of material systems
- Overall lengths from 0.71 in to 3.07 in (18 mm to 78 mm)
- Tight tolerances on resistance and B value
- Operation up to 311°F (155°C) with excellent stability
- Small body size
- Fast response
- Available with nickel or monel (cupronickel) wires to limit heat conduction
- Epoxy resin provides voltage insulation
- Suitable for automotive, HVAC and white goods applications
- Limited heat conduction along monel (copper nickel) lead-wires
- Limited heat conduction along steel wires
- Available on bandolier to IEC 286-2
- Also available on tape and reel to EIA RS-468A for automatic insertion

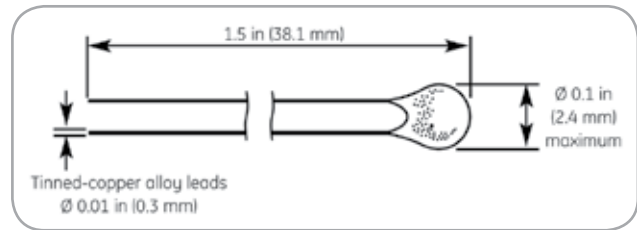
Amphenol
Advanced Sensors

Type C100 Specifications

Epoxy-coated chip thermistor

Description

Epoxy-coated chip thermistors with 0.012 in (0.3 mm) bare tinned-copper lead-wires.



NTC Type C100 dimensions

Select appropriate part number below for resistance and temperature tolerance desired.

R25°C	Material System	R25°C ± 1%	R25°C ± 2%	R25°C ± 5%	R25°C ± 10%
2000	F	C100F202F	C100F202G	C100F202J	C100F202K
2252	F	C100F232F	C100F232G	C100F232J	C100F232K
3000	F	C100F302F	C100F302G	C100F302J	C100F302K
5000	F	C100F502F	C100F502G	C100F502J	C100F502K
10000	F	C100F103F	C100F103G	C100F103J	C100F103K
10000	Y	C100Y103F	C100Y103G	C100Y103J	C100Y103K
15000	F	C100F153F	C100F153G	C100F153J	C100F153K
20000	F	C100F203F	C100F203G	C100F203J	C100F203K
30000	H	C100H303F	C100H303G	C100H303J	C100H303K
50000	G	C100G503F	C100G503G	C100G503J	C100G503K
100000	Y	C100Y104F	C100Y104G	C100Y104J	C100Y104K
100000	G	C100G104F	C100G104G	C100G104J	C100G104K

Data

Thermal and Electrical Properties:

- Dissipation constant: (still air) 1 mW/°C (stirred oil) 8 mW/°C
- Thermal time constant: (still air) 10 seconds (stirred oil) 1 second
- Maximum power at 77°F (25°C) 75 mW; derated from 100% at 77°F (25°C) to 0% at 212°F (100°C)

Options

Consult Thermometrics for availability of options.

- Other resistance values in the range of 100 Ω to 100 kΩ
- Other tolerances
- Alternative lead lengths
- Other reference temperatures
- Alternative lead wires or lengths

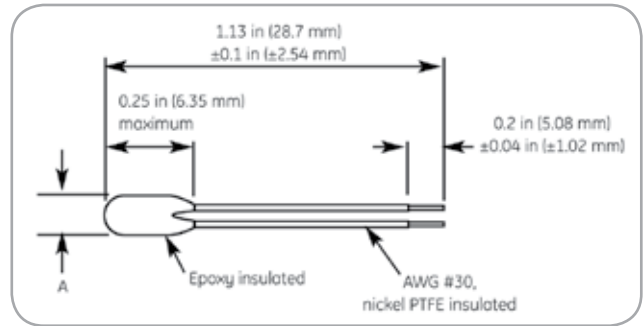
Type MS Specifications

Epoxy-coated chip thermistor

Description

Epoxy-coated point-matched disc thermistors with 0.010 in (0.254 mm) nickel PTFE insulated lead-wires.

Type Number	Ro@ 77°F (25°C) (Ω)	Material System	A in	mm
RL0703-624-73-MS	1K	D7.3	0.120	3.05
RL0503-1248-73-MS	2K	D7.3	0.095	2.41
RL0703-1445-95-MS	2.5K	D9.5	0.120	3.05
RL0503-2890-95-MS	5K	D9.5	0.095	2.41
RL0703-2910-97-MS	5K	D9.7A	0.120	3.05
RL0703-3720-84-MS	6K	D8.4	0.120	3.05
RL0503-5820-97-MS	10K	D9.7A	0.095	2.41
RL0703-5744-103-MS	10K	D10.3	0.120	3.05
RL0503-7440-84-MS	12K	D8.4	0.095	2.41
RL0703-8780-96-MS	15K	F9.61	0.120	3.05
RL0503-11.49K-103-MS	20K	D10.3	0.095	2.41
RL0703-13.77K-120-MS	25K	D12.0	0.120	3.05
RL0503-17.56K-96-MS	30K	F9.61	0.095	2.41
RL0503-27.53K-120-MS	50K	D12.0	0.095	2.41
RL0703-27.68K-122-MS	50K	D12.2	0.120	3.05
RL0503-55.36K-122-MS	100K	D12.2	0.095	2.41



NTC Type MS dimensions

Data

- Temperature accuracy: $\pm 1^\circ\text{C}$ @ 77°F (25°C)
- Dissipation constant: 1.4 mW/°C
- Time constant: 15 seconds
- Operating range: -58°F to 302°F (-50°C to 150°C)

Options

- Other resistances in the range 2 kΩ to 100 kΩ
- Other tolerances, tolerances at other temperatures
- Alternative lead lengths, lead materials, insulations
- For $\pm 5\%$ @ 77°F (25°C), replace "MS" with "MS5"
- For $\pm 3\%$ @ 77°F (25°C), replace "MS" with "MS3"
- For $\pm 2\%$ @ 77°F (25°C), replace "MS" with "MS2"

Type NDK Specifications

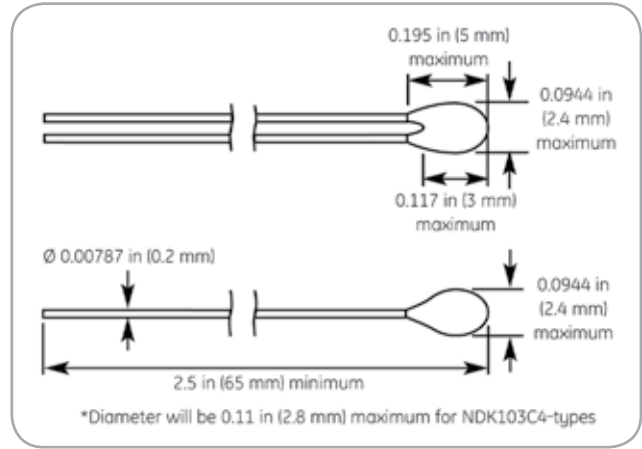
Epoxy-coated chip thermistor

Description

A range of epoxy-coated chips with bare 0.007 in (0.2 mm) tinned monel lead-wires.

Options

- Other resistance values within the ranges shown; e.g. code NDK152C2R1 for 1500 $\Omega \pm 1\%$ at 77°F (25°C) in the range of 32°F (0°C) up to the maximum operating temperature
- Reference temperatures
- Wire lengths 1.181 in to 23.62 in (30 mm to 600 mm) (± 1 mm or $\pm 2\%$, whichever is the greater)
- Other wire materials



NTC Type NDK dimensions

Data

- Minimum operating temperature: -40°F (-40°C)
- Thermal time constant: <20s
- Dissipation factor: 1.5 mW/K
- Voltage insulation: 500 VDC
- Packing/MOQ: 500/box

R 25 Ω	Material System	B 25/85 K	Maximum Operating Temp. °F (°C)	Code R25 $\pm 1\%$	Code R25 $\pm 2\%$	Code R25 $\pm 3\%$	Code R25 $\pm 5\%$	Code R25 $\pm 10\%$
1000	2	3540 $\pm 1\%$	257 (125)	NDK102C2R1	NDK102C2R2	NDK102C2R3	NDK102C2R5	NDK102C2R10
2000	2	3540 $\pm 1\%$	257 (125)	NDK202CR1	NDK202C2R2	NDK202C2R3	NDK202C2R5	NDK202C2R10
5000	2	3540 $\pm 1\%$	257 (125)	NDK502CR1	NDK502C2R2	NDK502C2R3	NDK502C2R5	NDK502C2R10
1000	2A	3627 $\pm 1\%$	257 (125)	NDK102C2AR1	NDK102C2AR2	NDK102C2AR3	NDK102C2AR5	NDK102C2AR10
2000	2A	3627 $\pm 1\%$	257 (125)	NDK202C2AR1	NDK202C2AR2	NDK202C2AR3	NDK202C2AR5	NDK202C2AR10
5000	2A	3627 $\pm 1\%$	257 (125)	NDK502C2AR1	NDK502C2AR2	NDK502C2AR3	NDK502C2AR5	NDK502C2AR10
2700	1	3977 $\pm 0.75\%$	311 (155)	NDK272C1R1	NDK272C1R2	NDK272C1R3	NDK272C1R5	NDK272C1R10
5000	1	3977 $\pm 0.75\%$	311 (155)	NDK502C1R1	NDK502C1R2	NDK502C1R3	NDK502C1R5	NDK502C1R10
10000	1	3977 $\pm 0.75\%$	311 (155)	NDK103C1R1	NDK103C1R2	NDK103C1R3	NDK103C1R5	NDK103C1R10
30000	1	3977 $\pm 0.75\%$	311 (155)	NDK303C1R1	NDK303C1R2	NDK303C1R3	NDK303C1R5	NDK303C1R10
50000	1	3977 $\pm 0.75\%$	311 (155)	NDK503C1R1	NDK503C1R2	NDK503C1R3	NDK503C1R5	NDK503C1R10
2700	3	3960 $\pm 1\%$	311 (155)	NDK272C3R1	NDK272C3R2	NDK272C3R3	NDK272C3R5	NDK272C3R10
5000	3	3960 $\pm 1\%$	311 (155)	NDK502C3R1	NDK502C3R2	NDK502C3R3	NDK502C3R5	NDK502C3R10
10000	3	3960 $\pm 1\%$	311 (155)	NDK103C3R1	NDK103C3R2	NDK103C3R3	NDK103C3R5	NDK103C3R10
30000	3	3960 $\pm 1\%$	311 (155)	NDK303C3R1	NDK303C3R2	NDK303C3R3	NDK303C3R5	NDK303C3R10
50000	3	3960 $\pm 1\%$	311 (155)	NDK503C3R1	NDK503C3R2	NDK503C3R3	NDK503C3R5	NDK503C3R10
12000	5	3740 $\pm 1\%$	257 (125)	NDK123C5R1	NDK123C5R2	NDK123C5R3	NDK123C5R5	NDK123C5R10
10000	4	3435 $\pm 1\%$	230 (110)	NDK103C4R1	NDK103C4R2	NDK103C4R3	NDK103C4R5	NDK103C4R10
30000	4	3435 $\pm 1\%$	230 (110)	NDK303C4R1	NDK303C4R2	NDK303C4R3	NDK303C4R5	NDK303C4R10
50000	4	3435 $\pm 1\%$	230 (110)	NDK503C4R1	NDK503C4R2	NDK503C4R3	NDK503C4R5	NDK503C4R10
100000	4	3435 $\pm 1\%$	230 (110)	NDK104C4R1	NDK104C4R2	NDK104C4R3	NDK104C4R5	NDK104C4R10

See separate tables for resistance - temperature data

Type NDL Specifications

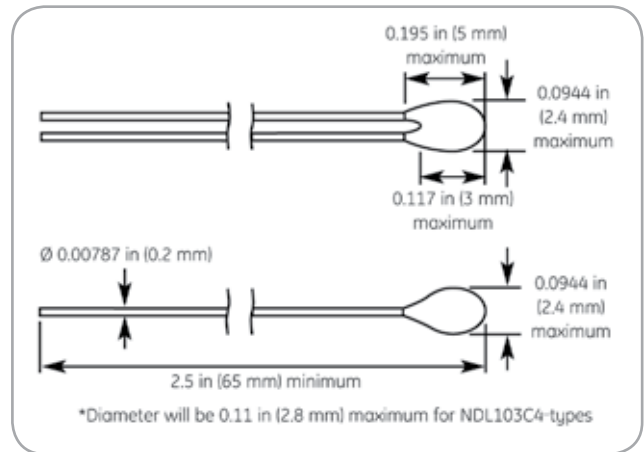
Epoxy-coated chip thermistor

Description

A range of epoxy-coated chips with bare 0.0098 in (0.25 mm) tinned monel lead-wires.

Options

- Other resistance values within the ranges shown; e.g. code NDL152C2R1 for 1500 $\Omega \pm 1\%$ at 77°F (25°C) in the range of 32°F (0°C) up to the maximum operating temperature
- Reference temperatures
- Wire lengths 1.181 in to 23.62 in (30 mm to 600 mm) (± 1 mm or $\pm 2\%$, whichever is the greater)
- Other wire materials



NTC Type NDL dimensions

Data

- Minimum operating temperature: -40°F (-40°C)
- Thermal time constant: <10 s
- Dissipation factor: 2.2 mW/K
- Voltage insulation: 500 VDC
- Packing: 500/box

R 25 Ω	Material System	B 25/85 K	Maximum Operating Temp. °F (°C)	Code R25 $\pm 1\%$	Code R25 $\pm 2\%$	Code R25 $\pm 3\%$	Code R25 $\pm 5\%$	Code R25 $\pm 10\%$
1000	2	3540 $\pm 1\%$	257 (125)	NDL102C2R1	NDL102C2R2	NDL102C2R3	NDL102C2R5	NDL102C2R10
2000	2	3540 $\pm 1\%$	257 (125)	NDL202C2R1	NDL202C2R2	NDL202C2R3	NDL202C2R5	NDL202C2R10
5000	2	3540 $\pm 1\%$	257 (125)	NDL502C2R1	NDL502C2R2	NDL502C2R3	NDL502C2R5	NDL502C2R10
1000	2A	3627 $\pm 1\%$	257 (125)	NDL102C2AR1	NDL102C2AR2	NDL102C2AR3	NDL102C2AR5	NDL102C2AR10
2000	2A	3627 $\pm 1\%$	257 (125)	NDL202C2AR1	NDL202C2AR2	NDL202C2AR3	NDL202C2AR5	NDL202C2AR10
5000	2A	3627 $\pm 1\%$	257 (125)	NDL502C2AR1	NDL502C2AR2	NDL502C2AR3	NDL502C2AR5	NDL502C2AR10
2700	1	3977 $\pm 0.75\%$	311 (155)	NDL272C1R1	NDL272C1R2	NDL272C1R3	NDL272C1R5	NDL272C1R10
5000	1	3977 $\pm 0.75\%$	311 (155)	NDL502C1R1	NDL502C1R2	NDL502C1R3	NDL502C1R5	NDL502C1R10
10000	1	3977 $\pm 0.75\%$	311 (155)	NDL103C1R1	NDL103C1R2	NDL103C1R3	NDL103C1R5	NDL103C1R10
30000	1	3977 $\pm 0.75\%$	311 (155)	NDL303C1R1	NDL303C1R2	NDL303C1R3	NDL303C1R5	NDL303C1R10
50000	1	3977 $\pm 0.75\%$	311 (155)	NDL503C1R1	NDL503C1R2	NDL503C1R3	NDL503C1R5	NDL503C1R10
2700	3	3960 $\pm 1\%$	311 (155)	NDL272C3R1	NDL272C3R2	NDL272C3R3	NDL272C3R5	NDL272C3R10
5000	3	3960 $\pm 1\%$	311 (155)	NDL502C3R1	NDL502C3R2	NDL502C3R3	NDL502C3R5	NDL502C3R10
10000	3	3960 $\pm 1\%$	311 (155)	NDL103C3R1	NDL103C3R2	NDL103C3R3	NDL103C3R5	NDL103C3R10
30000	3	3960 $\pm 1\%$	311 (155)	NDL303C3R1	NDL303C3R2	NDL303C3R3	NDL303C3R5	NDL303C3R10
50000	3	3960 $\pm 1\%$	311 (155)	NDL503C3R1	NDL503C3R2	NDL503C3R3	NDL503C3R5	NDL503C3R10
12000	5	3740 $\pm 1\%$	257 (125)	NDL123C5R1	NDL123C5R2	NDL123C5R3	NDL123C5R5	NDL123C5R10
10000	4	3435 $\pm 1\%$	230 (110)	NDL103C4R1	NDL103C4R2	NDL103C4R3	NDL103C4R5	NDL103C4R10
30000	4	3435 $\pm 1\%$	230 (110)	NDL303C4R1	NDL303C4R2	NDL303C4R3	NDL303C4R5	NDL303C4R10
50000	4	3435 $\pm 1\%$	230 (110)	NDL503C4R1	NDL503C4R2	NDL503C4R3	NDL503C4R5	NDL503C4R10
100000	4	3435 $\pm 1\%$	230 (110)	NDL104C4R1	NDL104C4R2	NDL104C4R3	NDL104C4R5	NDL104C4R10

Type NDM Specifications

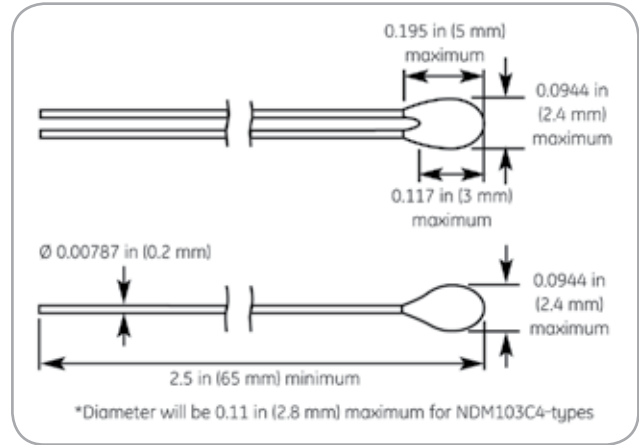
Epoxy-coated chip thermistor

Description

A range of epoxy-coated chips with bare 0.007 in (0.2 mm) tinned-copper lead-wires.

Options

- Other resistance values within the ranges shown; e.g. code NDM152C2R1 for 1500 $\Omega \pm 1\%$ at 77°F (25°C) in the range of 32°F (0°C) up to the maximum operating temperature
- Reference temperatures
- Wire lengths 1.181 in to 23.62 in (30 mm to 600 mm) (± 1 mm or $\pm 2\%$, whichever is the greater)
- Other wire materials



NTC Type NDM dimensions

Data

- Minimum operating temperature: -40°F (-40°C)
- Thermal time constant: <10 s
- Dissipation factor: 2.2 mW/K
- Voltage insulation: 500 VDC
- Packing/MOQ: 500/box

R 25 Ω	Material System	B 25/85 K	Maximum Operating Temp. °F (°C)	Code R25 $\pm 1\%$	Code R25 $\pm 2\%$	Code R25 $\pm 3\%$	Code R25 $\pm 5\%$	Code R25 $\pm 10\%$
1000	2	3540 $\pm 1\%$	257 (125)	NDM102C2R1	NDM102C2R2	NDM102C2R3	NDM102C2R5	NDM102C2R10
2000	2	3540 $\pm 1\%$	257 (125)	NDM202C2R1	NDM202C2R2	NDM202C2R3	NDM202C2R5	NDM202C2R10
5000	2	3540 $\pm 1\%$	257 (125)	NDM502C2R1	NDM502C2R2	NDM502C2R3	NDM502C2R5	NDM502C2R10
1000	2A	3627 $\pm 1\%$	257 (125)	NDM102C2AR1	NDM102C2AR2	NDM102C2AR3	NDM102C2AR5	NDM102C2AR10
2000	2A	3627 $\pm 1\%$	257 (125)	NDM202C2AR1	NDM202C2AR2	NDM202C2AR3	NDM202C2AR5	NDM202C2AR10
5000	2A	3627 $\pm 1\%$	257 (125)	NDM502C2AR1	NDM502C2AR2	NDM502C2AR3	NDM502C2AR5	NDM502C2AR10
2700	1	3977 $\pm 0.75\%$	311 (155)	NDM272C1R1	NDM272C1R2	NDM272C1R3	NDM272C1R5	NDM272C1R10
5000	1	3977 $\pm 0.75\%$	311 (155)	NDM502C1R1	NDM502C1R2	NDM502C1R3	NDM502C1R5	NDM502C1R10
10000	1	3977 $\pm 0.75\%$	311 (155)	NDM103C1R1	NDM103C1R2	NDM103C1R3	NDM103C1R5	NDM103C1R10
30000	1	3977 $\pm 0.75\%$	311 (155)	NDM303C1R1	NDM303C1R2	NDM303C1R3	NDM303C1R5	NDM303C1R10
50000	1	3977 $\pm 0.75\%$	311 (155)	NDM503C1R1	NDM503C1R2	NDM503C1R3	NDM503C1R5	NDM503C1R10
2700	3	3960 $\pm 1\%$	311 (155)	NDM272C3R1	NDM272C3R2	NDM272C3R3	NDM272C3R5	NDM272C3R10
5000	3	3960 $\pm 1\%$	311 (155)	NDM502C3R1	NDM502C3R2	NDM502C3R3	NDM502C3R5	NDM502C3R10
10000	3	3960 $\pm 1\%$	311 (155)	NDM103C3R1	NDM103C3R2	NDM103C3R3	NDM103C3R5	NDM103C3R10
30000	3	3960 $\pm 1\%$	311 (155)	NDM303C3R1	NDM303C3R2	NDM303C3R3	NDM303C3R5	NDM303C3R10
50000	3	3960 $\pm 1\%$	311 (155)	NDM503C3R1	NDM503C3R2	NDM503C3R3	NDM503C3R5	NDM503C3R10
12000	5	3740 $\pm 5\%$	257 (125)	NDM123C5R1	NDM123C5R2	NDM123C5R3	NDM123C5R5	NDM123C5R10
10000	4	3435 $\pm 1\%$	230 (110)	NDM103C4R1	NDM103C4R2	NDM103C4R3	NDM103C4R5	NDM103C4R10
30000	4	3435 $\pm 1\%$	230 (110)	NDM303C4R1	NDM303C4R2	NDM303C4R3	NDM303C4R5	NDM303C4R10
50000	4	3435 $\pm 1\%$	230 (110)	NDM503C4R1	NDM503C4R2	NDM503C4R3	NDM503C4R5	NDM503C4R10
100000	4	3435 $\pm 1\%$	230 (110)	NDM104C4R1	NDM104C4R2	NDM104C4R3	NDM104C4R5	NDM104C4R10

Type NDP Specifications

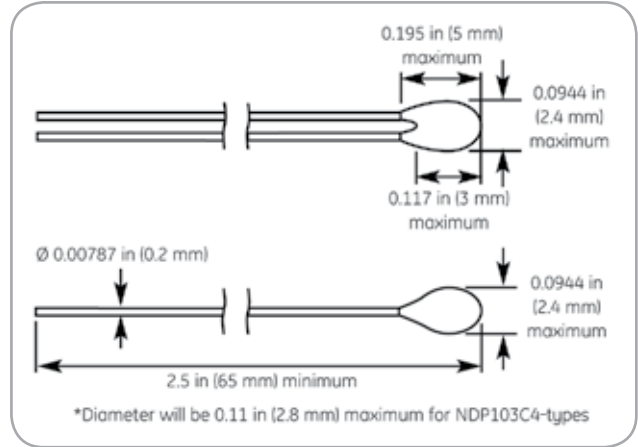
Epoxy-coated chip thermistor

Description

A range of epoxy-coated chips with insulated 0.0078 in (0.25 mm) monel lead-wires.

Options

- Other resistance values within the ranges shown; e.g. code NDP152C2R1 for 1500 ±1% at 77°F (25°C) in the range of 32°F (0°C) up to the maximum operating temperature
- Reference temperatures
- Wire lengths 1.181 in to 23.62 in (30 mm to 600 mm) (±1 mm or ±2%, whichever is the greater)
- Other wire materials
- Other wire insulation colors



NTC Type NDP dimensions

Data

- Minimum operating temperature: -40°F (-40°C)
- Thermal time constant: <20 s
- Dissipation factor: 1.5 mW/K
- Voltage insulation: 500 VDC
- Wire insulation: cadmium free red PTFE
- Packing: 500/box

R 25 Ω	Material System	B 25/85 K	Maximum Operating Temp. °F (°C)	Code R25 ± 1%	Code R25 ± 2%	Code R25 ± 3%	Code R25 ± 5%	Code R25 ± 10%
1000	2	3540 ± 1%	257 (125)	NDP102C2R1	NDP102C2R2	NDP102C2R3	NDP102C2R5	NDP102C2R10
2000	2	3540 ± 1%	257 (125)	NDP202C2R1	NDP202C2R2	NDP202C2R3	NDP202C2R5	NDP202C2R10
5000	2	3540 ± 1%	257 (125)	NDP502C2R1	NDP502C2R2	NDP502C2R3	NDP502C2R5	NDP502C2R10
1000	2A	3627 ± 1%	257 (125)	NDP102C2AR1	NDP102C2AR2	NDP102C2AR3	NDP102C2AR5	NDP102C2AR10
2000	2A	3627 ± 1%	257 (125)	NDP202C2AR1	NDP202C2AR2	NDP202C2AR3	NDP202C2AR5	NDP202C2AR10
5000	2A	3627 ± 1%	257 (125)	NDP502C2AR1	NDP502C2AR2	NDP502C2AR3	NDP502C2AR5	NDP502C2AR10
2700	1	3977± 0.75%	311 (155)	NDP272C1R1	NDP272C1R2	NDP272C1R3	NDP272C1R5	NDP272C1R10
5000	1	3977± 0.75%	311 (155)	NDP502C1R1	NDP502C1R2	NDP502C1R3	NDP502C1R5	NDP502C1R10
10000	1	3977± 0.75%	311 (155)	NDP103C1R1	NDP103C1R2	NDP103C1R3	NDP103C1R5	NDP103C1R10
30000	1	3977± 0.75%	311 (155)	NDP303C1R1	NDP303C1R2	NDP303C1R3	NDP303C1R5	NDP303C1R10
50000	1	3977± 0.75%	311 (155)	NDP503C1R1	NDP503C1R2	NDP503C1R3	NDP503C1R5	NDP503C1R10
2700	3	3960± 1%	311 (155)	NDP272C3R1	NDP272C3R2	NDP272C3R3	NDP272C3R5	NDP272C3R10
5000	3	3960± 1%	311 (155)	NDP502C3R1	NDP502C3R2	NDP502C3R3	NDP502C3R5	NDP502C3R10
10000	3	3960± 1%	311 (155)	NDP103C3R1	NDP103C3R2	NDP103C3R3	NDP103C3R5	NDP103C3R10
30000	3	3960± 1%	311 (155)	NDP303C3R1	NDP303C3R2	NDP303C3R3	NDP303C3R5	NDP303C3R10
50000	3	3960± 1%	311 (155)	NDP503C3R1	NDP503C3R2	NDP503C3R3	NDP503C3R5	NDP503C3R10
12000	5	3740 ± 5%	257 (125)	NDP123C5R1	NDP123C5R2	NDP123C5R3	NDP123C5R5	NDP123C5R10
10000	4	3435 ± 1%	230 (110)	NDP103C4R1	NDP103C4R2	NDP103C4R3	NDP103C4R5	NDP103C4R10
30000	4	3435 ± 1%	230 (110)	NDP303C4R1	NDP303C4R2	NDP303C4R3	NDP303C4R5	NDP303C4R10
50000	4	3435 ± 1%	230 (110)	NDP503C4R1	NDP503C4R2	NDP503C4R3	NDP503C4R5	NDP503C4R10
100000	4	3435 ± 1%	230 (110)	NDP104C4R1	NDP104C4R2	NDP104C4R3	NDP104C4R5	NDP104C4R10

See separate tables for resistance - temperature data

Type NK Specifications

Chip thermistor with solder-coated wires

Description

A range of NTC chip thermistors with solder-coated steel wires and epoxy resin coating.

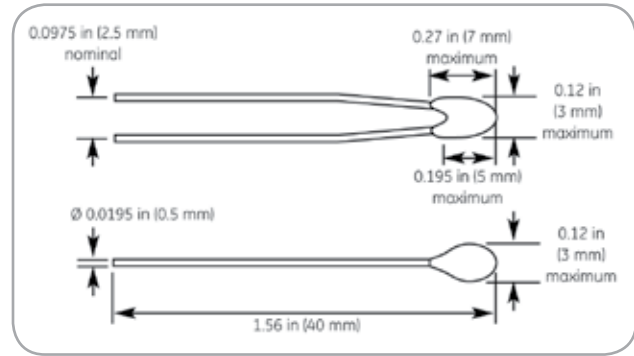
Options

- Other resistance values within the ranges shown; e.g. code NK701C2*2 for 700 Ω ± 2% at 77°F (25°C)
- Reference temperatures other than 77°F (25°C)
- Wire lengths 0.47 in to 1.57 in (12 mm to 40 mm) (±1 mm)

Ordering Information

Replace * in the codes shown above as follows:

- Loose-packed: R
- Bandoliered: B



NTC Type NK dimensions

Data

- Minimum operating temperature: -40°F (-40°C)
- Maximum operating temperature: See table
- Thermal time constant: 15s (cooling) 2.4 s (ambient change)
- Dissipation factor: 2.2 mW/K
- Mass: 0.00040 lbs (0.18 g)
- Packing/MOQ: 1000/box (loose) 2000/reel (bandoliered)

R 25 Ω	Material System	B 25/85 K	Maximum Operating Temp. °F (°C)	Code R25 ± 1%	Code R25 ± 2%	Code R25 ± 3%	Code R25 ± 5%	Code R25 ± 10%
500	2	3540 ± 1%	257 (125)		NK501C2*2	NK501C2*3	NK501C2*5	NK501C2*10
1000	2	3540 ± 1%	257 (125)		NK102C2*2	NK102C2*3	NK102C2*5	NK102C2*10
2000	2	3540 ± 1%	257 (125)		NK202C2*2	NK202C2*3	NK202C2*5	NK202C2*10
500	2A	3627 ± 1%	257 (125)		NK501C2A*2	NK501C2A*3	NK501C2A*5	NK501C2A*10
1000	2A	3627 ± 1%	257 (125)		NK102C2A*2	NK102C2A*3	NK102C2A*5	NK102C2A*10
2000	2A	3627 ± 1%	257 (125)		NK202C2A*2	NK202C2A*3	NK202C2A*5	NK202C2A*10
2200	1	3977 ± 0.75%	311 (155)	NK222C1*1	NK222C1*2	NK222C1*3	NK222C1*5	NK222C1*10
2700	1	3977 ± 0.75%	311 (155)	NK272C1*1	NK272C1*2	NK272C1*3	NK272C1*5	NK272C1*10
5000	1	3977 ± 0.75%	311 (155)	NK502C1*1	NK502C1*2	NK502C1*3	NK502C1*5	NK502C1*10
10000	1	3977 ± 0.75%	311 (155)	NK103C1*1	NK103C1*2	NK103C1*3	NK103C1*5	NK103C1*10
2200	3	3960 ± 1%	311 (155)			NK222C3*3	NK222C3*5	NK222C3*10
2700	3	3960 ± 1%	311 (155)			NK272C3*3	NK272C3*5	NK272C3*10
5000	3	3960 ± 1%	311 (155)			NK502C3*3	NK502C3*5	NK502C3*10
10000	3	3960 ± 1%	311 (155)			NK103C3*3	NK103C3*5	NK103C3*10
5000	4A	3435 ± 1%	311 (155)	NK502C4A*1	NK502C4A*2	NK502C4A*3	NK502C4A*5	NK502C4A*10
10000	4A	3435 ± 1%	311 (155)	NK103C4A*1	NK103C4A*2	NK103C4A*3	NK103C4A*5	NK103C4A*10
10000	5	3740 ± 1.5%	311 (155)	NK103C5*1	NK103C5*2	NK103C5*3	NK103C5*5	NK103C5*10
12000	5	3740 ± 1.5%	311 (155)	NK123C5*1	NK123C5*2	NK123C5*3	NK123C5*5	NK123C5*10

See separate tables for resistance - temperature data

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