



NTC THERMISTORS: TYPE NDU

LEADLESS CHIP THERMISTOR

DESCRIPTION:

A range of leadless chip thermistors.

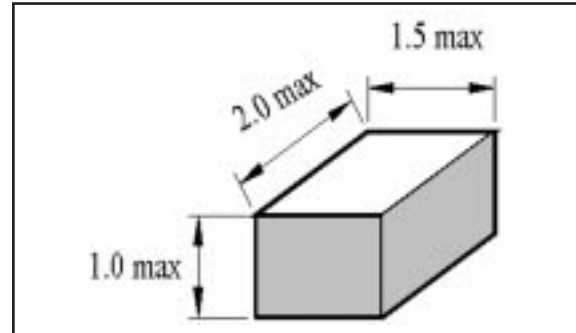
FEATURES:

- Designed for accurate temperature measurement, control & compensation
- Tight tolerances on resistance and B value
- Operation up to 155°C with excellent stability
- Small body size
- Fast response
- Suitable for automotive, HVAC & white goods applications

OPTIONS:

- Other resistance values within the ranges shown e.g. code NDU152C2R1 for $1500\Omega \pm 1\%$ at 25°C
- Reference temperatures in the range of 0° up to the maximum operating temperature
- Resistance value outside the ranges shown with modified dimensions

DIMENSIONS:



DATA:

Minimum operating temperature -40°C
Maximum operating temperature see table
Resistance tolerance $\pm 3\%$ or greater
Electrode thick film silver
Packing/MOQ 1000/box



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R25 Ω	Material System	B 25/85 K	Maximum Temp. $^{\circ}\text{C}$	Code		
				R25 \pm 3%	R25 \pm 5%	R25 \pm 10%
1000	2	3540 \pm 1%	125	NDU102C2R3	NDU102C2R5	NDU102C2R10
2000	2	3540 \pm 1%	125	NDU202C2R3	NDU202C2R5	NDU202C2R10
5000	2	3540 \pm 1%	125	NDU502C2R3	NDU502C2R5	NDU502C2R10
1000	2A	3627 \pm 1%	125	NDU102C2AR3	NDU102C2AR5	NDU102C2AR10
2000	2A	3627 \pm 1%	125	NDU202C2AR3	NDU202C2AR5	NDU202C2AR10
5000	2A	3627 \pm 1%	125	NDU502C2AR3	NDU502C2AR5	NDU502C2AR10
2700	1	3977 \pm 0.75%	155	NDU272C1R3	NDU272C1R5	NDU272C1R10
5000	1	3977 \pm 0.75%	155	NDU502C1R3	NDU502C1R5	NDU502C1R10
10000	1	3977 \pm 0.75%	155	NDU103C1R3	NDU103C1R5	NDU103C1R10
30000	1	3977 \pm 0.75%	155	NDU303C1R3	NDU303C1R5	NDU303C1R10
50000	1	3977 \pm 0.75%	155	NDU503C1R3	NDU503C1R5	NDU503C1R10
2700	3	3960 \pm 1%	155	NDU272C3R3	NDU272C3R5	NDU272C3R10
5000	3	3960 \pm 1%	155	NDU502C3R3	NDU502C3R5	NDU502C3R10
10000	3	3960 \pm 1%	155	NDU103C3R3	NDU103C3R5	NDU103C3R10
30000	3	3960 \pm 1%	155	NDU303C3R3	NDU303C3R5	NDU303C3R10
50000	3	3960 \pm 1%	155	NDU503C3R3	NDU503C3R5	NDU503C3R10
10000	4	3435 \pm 1%	110	NDU103C4R3	NDU103C4R5	NDU103C4R10
30000	4	3435 \pm 1%	110	NDU303C4R3	NDU303C4R5	NDU303C4R10
50000	4	3435 \pm 1%	110	NDU503C4R3	NDU503C4R5	NDU503C4R10