

NTC THERMISTORS: TYPE KB

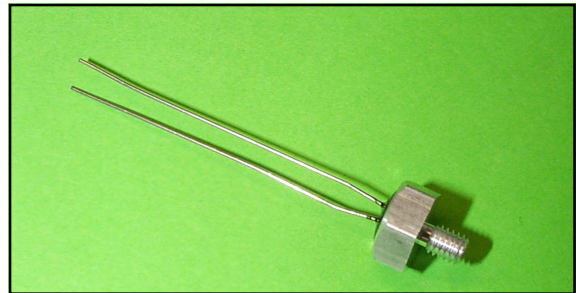
CHIP THERMISTOR IN THREADED STUD

DESCRIPTION:

A range of epoxy encapsulated, stud mounted NTC chip thermistors housed in a threaded aluminium stud.

FEATURES:

- Designed for surface temperature measurement, control & compensation
- Tight tolerances on resistance and B value
- Operation up to 155°C with excellent stability
- Limited heat conduction along steel wires for improved sensitivity
- Suitable for automotive, HVAC & white goods applications



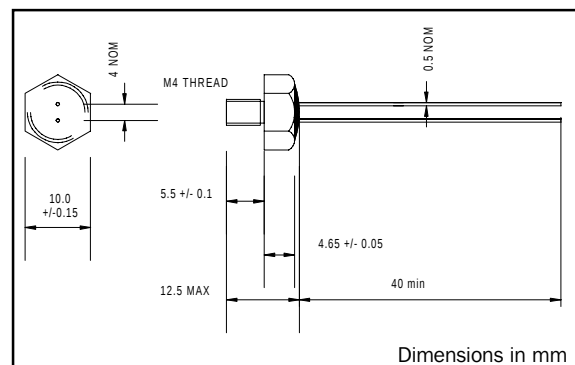
DATA:

Minimum operating temperature -40°C

Maximum operating temperature See table

Insulation resistance $\geq 20M\Omega$ @ 500V dc

DIMENSIONS:



OPTIONS:

- Other resistance values

CODING:

R25 Ω	Material system	B 25/85 K	Maximum operating °C	Code R25 $\pm 1\%$	Code R25 $\pm 2\%$	Code R25 $\pm 3\%$	Code R25 $\pm 5\%$	Code R25 $\pm 10\%$
500	2	$3540 \pm 1\%$	125		KB501C2R2	KB501C2R3	KB501C2R5	KB501C2R10
1000	2	$3540 \pm 1\%$	125		KB102C2R2	KB102C2R3	KB102C2R5	KB102C2R10
2000	2	$3540 \pm 1\%$	125		KB202C2R2	KB202C2R3	KB202C2R5	KB202C2R10
500	2A	$3627 \pm 1\%$	125		KB501C2AR2	KB501C2AR3	KB501C2AR5	KB501C2AR10
1000	2A	$3627 \pm 1\%$	125		KB102C2AR2	KB102C2AR3	KB102C2AR5	KB102C2AR10
2000	2A	$3627 \pm 1\%$	125		KB202C2AR2	KB202C2AR3	KB202C2AR5	KB202C2AR10
2200	1	$3977 \pm 0.75\%$	155	KB222C1R1	KB222C1R2	KB222C1R3	KB222C1R5	KB222C1R10
2700	1	$3977 \pm 0.75\%$	155	KB272C1R1	KB272C1R2	KB272C1R3	KB272C1R5	KB272C1R10
5000	1	$3977 \pm 0.75\%$	155	KB502C1R1	KB502C1R2	KB502C1R3	KB502C1R5	KB502C1R10
10000	1	$3977 \pm 0.75\%$	155	KB103C1R1	KB103C1R2	KB103C1R3	KB103C1R5	KB103C1R10
2200	3	$3960 \pm 1\%$	155			KB222C3R3	KB222C3R5	KB222C3R10
2700	3	$3960 \pm 1\%$	155			KB272C3R3	KB272C3R5	KB272C3R10
5000	3	$3960 \pm 1\%$	155			KB502C3R3	KB502C3R5	KB502C3R10
10000	3	$3960 \pm 1\%$	155			KB103C3R3	KB103C3R5	KB103C3R10
5000	4A	$3435 \pm 1\%$	155	KB502C4AR1	KB502C4AR2	KB502C4AR3	KB502C4AR5	KB502C4AR10
10000	4A	$3435 \pm 1\%$	155	KB103C4AR1	KB103C4AR2	KB103C4AR3	KB103C4AR5	KB103C4AR10

Data sheet D- KB-1

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