



# NTC THERMISTORS: TYPE DKM

## GLASS ENCAPSULATED DO-35 PACKAGE WITH SMD WIRE FORM

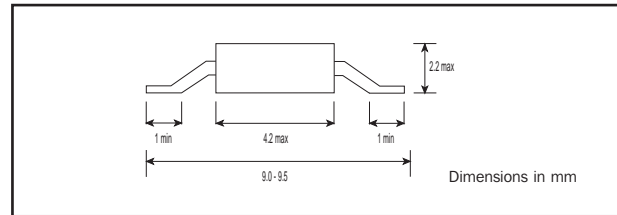
### DESCRIPTION:

A range of thermistors in DO-35 style glass package (diode outline) formed for surface lead-wires and applications) with solder-coated copper-clad steel lead-wires.

### FEATURES:

- Cost effective solid state sensor
- Designed for accurate temperature measurement, control and compensation
- Tight tolerances on resistance and B value
- Wide operating temperature excellent stability
- Glass body provides hermetic seal and voltage insulation
- Suitable for automotive, telecom (battery packs), HVAC and white goods applications

### DIMENSIONS:



### DATA:

**Operating temperature:** .....-40°C +250°C

**Thermal time constant:** .....7s (cooling in air)

**Dissipation factor:** .....3.0mW/K

**Packing/MOQ:** .....1000/box (loose)

R25 Ω	Material System	B 25/85 K	Code R25 ± 1%	Code R25 ± 2%	Code R25 ± 3%	Code R25 ± 5%	Code R25 ± 10%
2000	2	3540 ± 1%		DKA202M2	DKA202M3	DKA202M5	DKA202M10
5000	2	3540 ± 1%		DKA502M2	DKA502M3	DKA502M5	DKA502M10
10000	2	3540 ± 1%		DKA103M2	DKA103M3	DKA103M5	DKA103M10
10000	5A	3730 ± 2%			DKC103M3	DKC103M5	DKC103M10
10000	3	3960 ± 1%	DKF103M1	DKF103M2	DKF103M3	DKF103M5	DKF103M10
20000	3	3960 ± 1%	DKF203M1	DKF203M2	DKF203M3	DKF203M5	DKF203M10
30000	3	3960 ± 1%	DKF303M1	DKF303M2	DKF303M3	DKF303M5	DKF303M10
50000	3	3960 ± 1%	DKF503M1	DKF503M2	DKF503M3	DKF503M5	DKF503M10
100000	3	3960 ± 1%	DKF104M1	DKF104M2	DKF104M3	DKF104M5	DKF104M10
200000	G	4263 ± 2%				DKG204M5	DKG204M10
500000	D	4573 ± 2%				DKD504M5	DKD504M10
1000000	D	4573 ± 2%				DKD105M5	DKD105M10

See separate tables for resistance - temperature data

### OPTIONS:

- Other resistance values within the ranges shown e.g. code DKA302M2 for 3000Ω ± 2% at 25°C
- Reference temperatures in the range 0°C to 150°C
- Operation to 300°C (no solder coating on lead-wires)