



Micro Commercial Components  
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# NTG222-3950

## Features

- DO-35 glass package
- High stability
- Wide range of operating temperature from -50°C up to 250°C

## High Accuracy NTC Thermistors

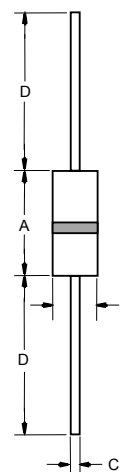
## Applications

- Low cost probe assemblies
- High temperature printer ink sensing
- Consumer electronics
- High temperature-high speed tire manufacturing
- Printed circuit board temperature sensing
- Air-conditioner

### Electrical Characteristics @ 25°C Unless Otherwise Specified

|                              |                    |                 |              |
|------------------------------|--------------------|-----------------|--------------|
| Rated zero-power resistance  | R <sub>25</sub>    | 2200 Ω          |              |
| Tolerance of R <sub>25</sub> |                    | ±10%            |              |
| Range of B value             | B <sub>25/50</sub> | 3950K           |              |
| Tolerance of B value         |                    | ±3%             |              |
| Dissipation factor           |                    | ≥ 2.0mW         | In still air |
| Thermal time constant        |                    | ≤ 20Sec.        | In still air |
| Rated power                  |                    | 250mW           |              |
| Operating temperature range  |                    | -50°C ~ + 250°C |              |

## DO-35



| DIMENSIONS |        |      |       |      |      |
|------------|--------|------|-------|------|------|
| DIM        | INCHES |      | MM    |      | NOTE |
|            | MIN    | MAX  | MIN   | MAX  |      |
| A          | ---    | .166 | ---   | 4.2  |      |
| B          | ---    | .079 | ---   | 2.00 |      |
| C          | ---    | .020 | ---   | .52  |      |
| D          | 1.000  | ---  | 25.40 | ---  |      |

**Type No.**

**NTG**

**XXX**

**XX**

①

②

③

① Series Name

② Resistance , for example :

502-----5kohm

103-----10kohm

403-----40kohm

503-----50kohm

104-----100kohm

③ Range of B Value, for example

3850-----B Value is 3850

3950-----B Value is 3950