



NTC THERMISTORS: TYPE NC12

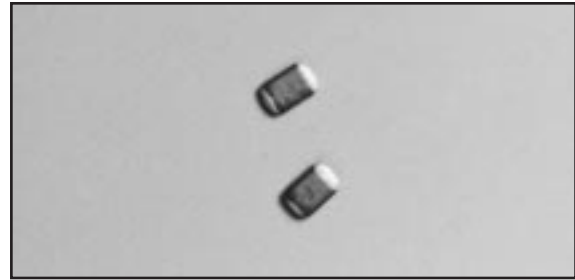
1206 SIZE SMD CHIP THERMISTOR

DESCRIPTION:

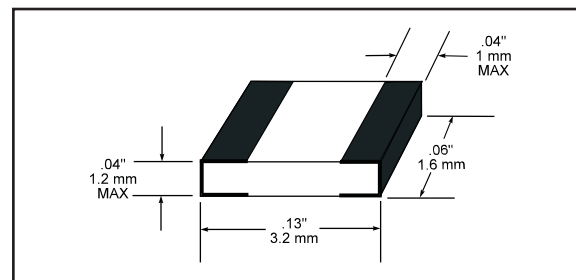
1206 size surface mount ceramic chip thermistor.

FEATURES:

- Cost effective thermistor for automatic placement
- Standard resistance tolerances down to $\pm 3\%$
- High sensitivity to changes in temperature
- Suitable for temperature measurement, control and compensation
- Suitable for epoxy termination.
- Wide operating temperature range: -50°C to 125°C
- Rugged construction
- Available in other material systems
- Palladium Silver terminations
- Other termination systems available
- Available pocket taped to EIA RS-481



DIMENSIONS:



| TYPE NUMBER | R@25C (Ohms) | MATERIAL SYSTEM | tc (%/C) | Beta (25/85) |
|---------------|--------------|-----------------|----------|--------------|
| NC1206KR151KB | 150 | C46.55 | -3.02 | 2680K |
| NC1206KN351KB | 350 | C49.45 | -3.14 | 2800K |
| NC1206KL102KB | 1K | C57.25 | -3.43 | 3060K |
| NC1206KJ502KB | 5K | D7.3 | -3.83 | 3510K |
| NC1206KT103KB | 10K | C84.5 | -4.12 | 3730K |
| NC1206KB203KB | 20K | D9.5 | -4.43 | 3970K |
| NC1206KC303KB | 30K | D9.7A | -4.40 | 3980K |
| NC1206KD503KB | 50K | D10.3 | -4.49 | 4070K |
| NC1206KE104KB | 100K | D12.0 | -4.84 | 4360K |
| NC1206KF204KB | 200K | D12.2 | -4.78 | 4360K |

OPTIONS:

- Other resistances in the range 150Ω - $220k\Omega$
- Tolerances at other temperatures
- Alternative contact materials
- For reel taping Replace 'B' with 'R'.
- Other tolerances 5% (J) and 3% (H) available

DATA:

Standard resistance tolerance:... $\pm 10\%$ @ 25°C
Dissipation constant:..... $5 \text{ mW}/^{\circ}\text{C}$
Time Constant:..... 10 sec.
Operating Range -50°C to 150°C

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