

NTC Chip Resistors

Type: TKS

Sizes: 0402, 0603, 0805, 1206

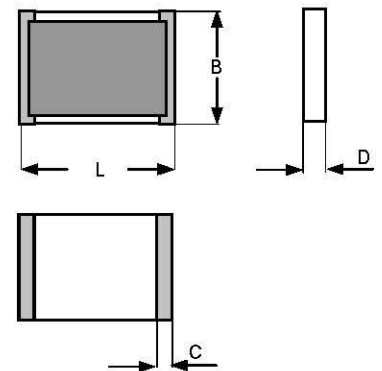
Features:

- NTC Chips in ceramic technique
- Pb-free terminations

Dimensions:

| Size | L | B | D | C |
|------|---------------|----------------|-----------|-----------------|
| 0402 | 1.0 ± 0.1 | 0.5 ± 0.1 | max. 0.6 | 0.25 ± 0.15 |
| 0603 | 1.6 ± 0.2 | 0.8 ± 0.2 | max. 0.95 | 0.4 ± 0.2 |
| 0805 | 2.0 ± 0.2 | 1.25 ± 0.2 | max. 1.20 | 0.5 ± 0.25 |
| 1206 | 3.2 ± 0.2 | 1.6 ± 0.2 | max. 2.20 | 0.5 ± 0.2 |

L = length, B = width, D = thickness, C = width wrap around (in mm)



Technical data – depending on size:

| Size | Power rating (mW) | Thermal Dissipation Constant (mW/°C) |
|------|-------------------|--------------------------------------|
| 0402 | 250 | 2.5 |
| 0603 | 350 | 3.5 |
| 0805 | 400 | 4.0 |
| 1206 | 450 | 4.5 |

Technical data - general:

| | |
|----------------------------------|------------------|
| Temperature range | -40°C ... +125°C |
| Resistance range R ₂₅ | 1K... 100K |
| Resistance tolerance | ±1%...±10% |
| B-value nominal | 3000... 4300 |
| B-value tolerance | ±1%...±3% |

More data on request

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