

Features

- Clear set
- Easy to handle
- 120 values per set
- E24 from 10 Ω up to 1M including 0 Ω, excluding 11 Ω and 910 K
- Standard rectangular thick film chip resistors produced by Vishay and Yageo

Variants

| | |
|-------------|-------------------------|
| SMD-RCK 25 | 25 resistors per value |
| SMD-RCK 50 | 50 resistors per value |
| SMD-RCK 100 | 100 resistors per value |

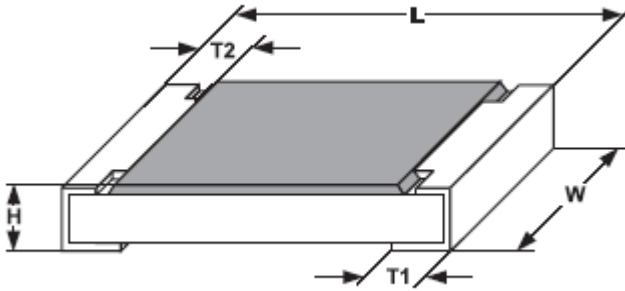
Electrical specifications

| | |
|-------------------------|------------------------------|
| Dimensions (L x W) | 0805 (in inch), 2012 (in mm) |
| Tolerance | ± 1% |
| Temperature coefficient | ± 100 ppm/K |
| Rated dissipation | 0.125 W @ 70°C |
| Maximum voltage | 150 V≅ |

Values in the sets

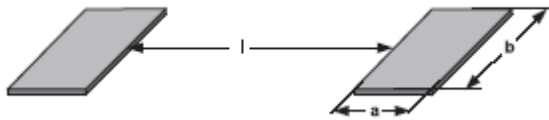
| | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 Ω | 10 Ω | 12 Ω | 13 Ω | 15 Ω | 16 Ω | 18 Ω | 20 Ω | 22 Ω | 24 Ω | 27 Ω | 30 Ω |
| 33 Ω | 36 Ω | 39 Ω | 43 Ω | 47 Ω | 51 Ω | 56 Ω | 62 Ω | 68 Ω | 75 Ω | 82 Ω | 91 Ω |
| 100 Ω | 110 Ω | 120 Ω | 130 Ω | 150 Ω | 160 Ω | 180 Ω | 200 Ω | 220 Ω | 240 Ω | 270 Ω | 300 Ω |
| 330 Ω | 360 Ω | 390 Ω | 430 Ω | 470 Ω | 510 Ω | 560 Ω | 620 Ω | 680 Ω | 750 Ω | 820 Ω | 910 Ω |
| 1 K | 1K1 | 1K2 | 1K3 | 1K5 | 1K6 | 1K8 | 2K | 2K2 | 2K4 | 2K7 | 3K |
| 3K3 | 3K6 | 3K9 | 4K3 | 4K7 | 5K1 | 5K6 | 6K2 | 6K8 | 7K5 | 8K2 | 9K1 |
| 10 K | 11 K | 12 K | 13 K | 15 K | 16 K | 18 K | 20 K | 22 K | 24 K | 27 K | 30 K |
| 33 K | 36 K | 39 K | 43 K | 47 K | 51 K | 56 K | 62 K | 68 K | 75 K | 82 K | 91 K |
| 100 K | 110 K | 120 K | 130 K | 150 K | 160 K | 180 K | 200 K | 220 K | 240 K | 270 K | 300 K |
| 330 K | 360 K | 390 K | 430 K | 470 K | 510 K | 560 K | 620 K | 680 K | 750 K | 820 K | 1 M |

Dimensions of the resistor



| Dimensions [in mm] | | | | |
|----------------------|--------|--------|-------|-------|
| L | W | H | T1 | T2 |
| 2.0 | 1.25 | 0.45 | 0.3 | 0.3 |
| + 0.2 | + 0.15 | + 0.05 | + 0.2 | + 0.2 |
| - 0.1 | - 0.15 | - 0.05 | - 0.1 | - 0.2 |

Dimensions of the pads



| Dimensions [in mm] | | | | | |
|----------------------|-----|-----|------|-----|-----|
| Reflow | | | Wave | | |
| a | b | l | a | b | l |
| 0.7 | 1.3 | 1.2 | 0.9 | 1.3 | 1.3 |

Constructiva AG

Schindellegistrasse 14, 8808 Pfäffikon, Switzerland

Phone +41 55 420 18 65, Fax +41 55 420 18 66

www.constructiva.ch

office@constructiva.ch