

Shunt Chip Resistors

Type: LR

Sizes: 2512

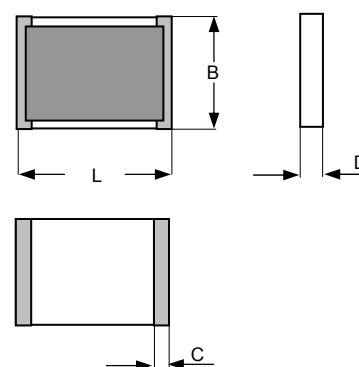
Features:

- Metal strip resistance element
- Resistance values from 0.5mR to 10mR
- Low TCR 50 / 100 ppm/k
- Pb-free terminations

Dimensions:

| Size | L | B | C | D |
|------|-----------------|-----------------|---------------|-----------|
| 2512 | 6.35 ± 0.25 | 3.18 ± 0.25 | 1.3 ± 0.3 | see table |

L = length, B = Width, D = Thickness, C = Width wrap around (in mm)



Technical data – depending on size:

| Value | Power P ₇₀ | TCR (ppm/K) | Tolerances (%) | D(mm) |
|-------------|-----------------------|-------------|----------------|------------|
| 0.5mR | 1W | 50 | 3 / 5 | 1.4 |
| | 2W | 50 | 3 / 5 | 1.0 |
| | 3W | 400 | 3 / 5 | 0.6 |
| 0.75mR | 1W | 50 | 1 / 3 / 5 | 1.0 |
| | 2W | 50 | 1 / 3 / 5 | 0.8 |
| | 3W | 100 | 1 / 3 / 5 | 0.6 |
| 1.0...2.0mR | 1W | 50 | 1 / 3 / 5 | 0.8...0.5 |
| | 2W | 50 | 1 / 3 / 5 | 0.7...0.6 |
| | 3W | 50 | 1 / 3 / 5 | 0.6 |
| 2.5...10mR | 1W | 100 | 1 / 3 / 5 | 1.0...0.45 |

Technical data - general:

| | |
|--|----------------------------|
| Temperature range | -55°C ... +170°C |
| Load Life (70°C, power 1.5h on, 0.5h off, 1000h) | $\Delta R < 1\% + 0.5mR$ |
| Short time overload (2.5x rated power, 5s) | $\Delta R < 0.5\% + 0.5mR$ |
| Dry Heat (96h / 155°C) | $\Delta R < 1\% + 0.5mR$ |

More data on request

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