

Shunt Chip Resistors

Type: LR

Sizes: 2512

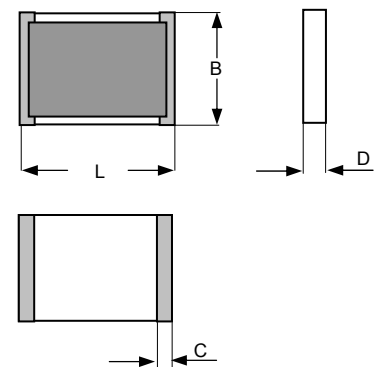
Features:

- 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

Issue 05/05