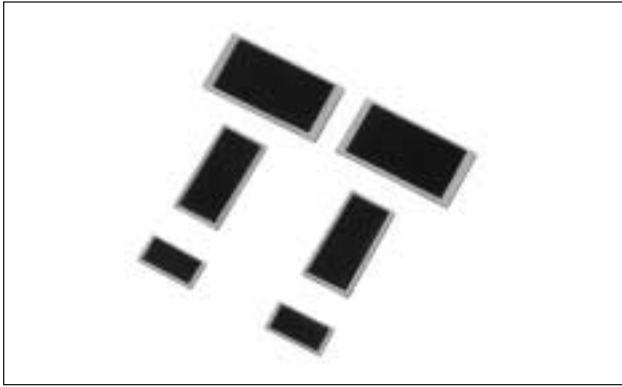


Low Resistance Chip Resistors



LR Series



FEATURES

Suitable for voltage detector circuit of mobile computing device and cellular phone.

HOW TO ORDER

LR 63 - R100 F - U

Packaging

T = Paper Taping (LR32),
5,000 pcs/7" reel
U = Plastic Taping, (LR50, LR63),
4,000 pcs/7" reel

Resistance Tolerance

K = $\pm 10\%$
F = $\pm 1\%$

Resistance Value (4 digits)

R020 = 20m Ω
R100 = 100m Ω
R1000 = 1000m Ω

Size (EIA)

32 = 1206
50 = 1020
63 = 2512

Series

LR

DIMENSIONS

millimeters (inches)

	LR32 (1206)	LR50 (1020)	LR63 (2512)
W	1.55 ^{+0.15} _{-0.10} (0.061 ^{+0.006} _{-0.004})	5.00 \pm 0.20 (0.197 \pm 0.008)	3.20 \pm 0.20 (0.126 \pm 0.008)
L	3.10 \pm 0.10 (0.122 \pm 0.004)	2.50 \pm 0.20 (0.098 \pm 0.008)	6.30 \pm 0.20 (0.248 \pm 0.008)
c	0.25 \pm 0.20 (0.010 \pm 0.008)	0.20 \pm 0.15 (0.008 \pm 0.006)	0.45 \pm 0.20 (0.018 \pm 0.008)
d	0.45 \pm 0.20 (0.018 \pm 0.008)	0.50 \pm 0.20 (0.020 \pm 0.008)	0.45 \pm 0.20 (0.018 \pm 0.008)
T	0.55 ^{+0.10} _{-0.05} (0.022 ^{+0.004} _{-0.002})	0.60 \pm 0.10 (0.024 \pm 0.004)	0.60 \pm 0.10 (0.024 \pm 0.004)

SPECIFICATIONS

Series	Rated Power	Max. Working Voltage	Resistance Tolerance	Resistance Value	Working Temperature	Temperature Characteristics
LR32 (1206)	0.5W (1/2) W	707mV	K = $\pm 10\%$	20 to 50m Ω	-55 to +125°C	± 3000 ppm/ $^{\circ}$ C
			F = $\pm 1\%$	100 to 149m Ω		± 150 ppm/ $^{\circ}$ C
				150 to 1000m Ω		± 100 ppm/ $^{\circ}$ C
LR50 (1020)	1W	316mV	F = $\pm 1\%$	20 to 29m Ω 30 to 100m Ω	-55 to +125°C	± 150 ppm/ $^{\circ}$ C ± 100 ppm/ $^{\circ}$ C
LR63 (2512)	1W	574mV	F = $\pm 1\%$	100 to 330m Ω	-55 to +125°C	± 100 ppm/ $^{\circ}$ C

Mouser Electronics

Authorized Distributor

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[AVX:](#)

[LR32-R825F-T](#) [LR32-1R00F-T](#) [LR32-R665FT](#) [LR32-R050K-T](#) [LR32-R390F-T](#)