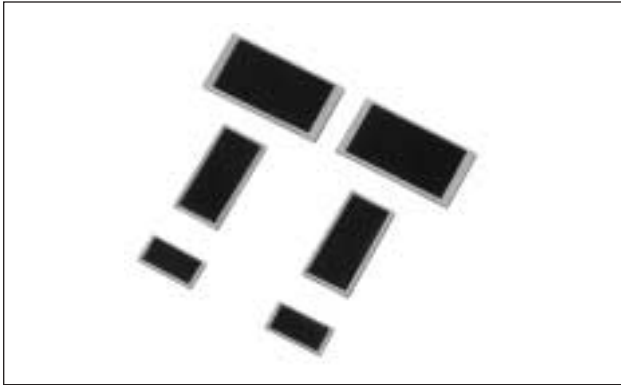


Low Resistance Chip Resistors



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, LR63		LR50			
	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/°C
			F = $\pm 1\%$	100 to 149m Ω		± 150 ppm/°C
				150 to 1000m Ω		± 100 ppm/°C
LR50 (1020)	1W	316mV	F = $\pm 1\%$	20 to 29m Ω 30 to 100m Ω	-55 to +125°C	± 150 ppm/°C ± 100 ppm/°C
LR63 (2512)	1W	574mV	F = $\pm 1\%$	100 to 330m Ω	-55 to +125°C	± 100 ppm/°C