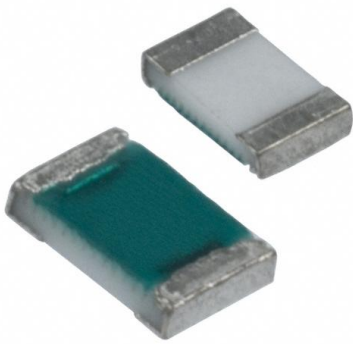


# RL3264L4-R220-F Datasheet

www.digi-electronics.com



https://www.DiGi-Electronics.com

DiGi Electronics Part Number	RL3264L4-R220-F-DG
Manufacturer	<a href="#">Susumu</a>
Manufacturer Product Number	RL3264L4-R220-F
Description	RES 0.22 OHM 1% 1W 2512
Detailed Description	220 mOhms ±1% 1W Chip Resistor 2512 (6432 Metric) Current Sense Thin Film

This model RL3264L4-R220-F is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

RL3264L4-R220-F

Series:

RL

Resistance:

220 mOhms

Power (Watts):

1W

Features:

Current Sense

Operating Temperature:

-55°C ~ 125°C

Supplier Device Package:

2512

Height - Seated (Max):

0.026" (0.65mm)

Failure Rate:

-

Manufacturer:

Susumu

Product Status:

Active

Tolerance:

±1%

Composition:

Thin Film

Temperature Coefficient:

±50ppm/°C

Package / Case:

2512 (6432 Metric)

Size / Dimension:

0.252" L x 0.126" W (6.40mm x 3.20mm)

Number of Terminations:

4

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

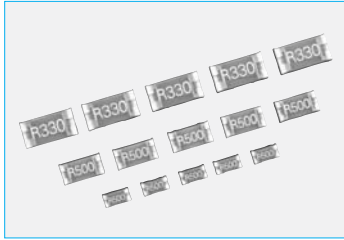
8533.21.0030

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99



# High-precision current-detection elements

## RL-L series: four-terminal type



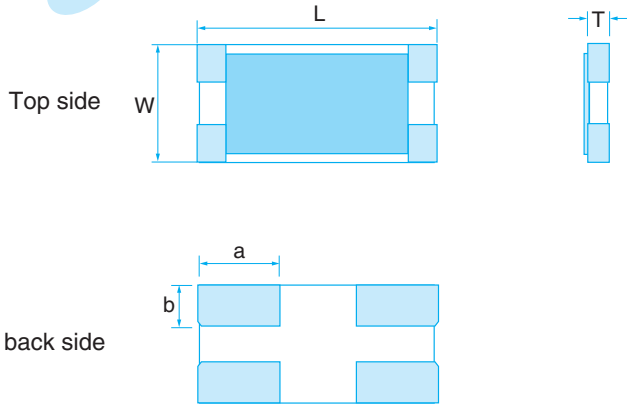
Newly released: A four-terminal structure with separate voltage- and current-terminals assures high-precision TCR of 50ppm/°C and 0.5% tolerance.

RoHS compliant



### SPECIFICATIONS

#### Mechanical



Dimension (Inch Size)	RL1632L4 (1206)	RL2550L4 (2010)	RL3264L4 (2512)
L	3.2±0.2	5.0±0.2	6.4±0.2
W	1.6±0.2	2.5±0.2	3.2±0.2
a	1.0±0.2	1.7±0.2	2.1±0.2
b	0.55±0.2	0.9±0.2	1.2±0.2
T	0.5±0.15	0.5±0.15	0.5±0.15

(unit : mm)

#### Equivalent circuit



V=Voltage Terminal  
I=Current Terminal

#### Electrical

Type	RL1632L4	RL2550L4	RL3264L4		
Power	1/2W	3/4W	1W		
Tolerance %(code)	±0.5%(D) ±1%(F)				
Resistance Range (Ω)	10~500m		3~5m	6~500m	
TCR ppm /°C(code)	±50ppm/°C		±100ppm/°C	±50ppm/°C	
Terminal Resistance (Ω)	10~47m	50~500m	3~8m	10~47m	50~500m
	5 M or less	20 M or less	1 M or less	5 M or less	20 M or less
Resistance Value (Ω)	E-12 series 50, 500m		E-12 series 3, 4, 5, 6, 7, 8, 50, 500m		
Package	1,000(T1)pcs/reel, 5,000(T5)pcs/reel				

· Contact us for even lower resistance values.



### PART NUMBER

**RL 1632 L4 - R033 - F - T1(T5)**

