



# High Frequency Chip Resistors

## RFD series

### Features

- A resistor that takes advantage of the characteristics of thin films, and supports a wide range of frequencies from DC to 30 GHz.
- Small 0603 size
- Face-down mounting type

### Applications

- Low noise high frequency transmission and reception circuit
- High frequency termination circuit
- High frequency attenuation circuit



## Part numbering system

**RFD 0603 P - 50R0 - D - T1**

Series code

Size:0603

TCR P:±25ppm

Packaging quantity:  
T5(5,000pcs), T1(1,000pcs)

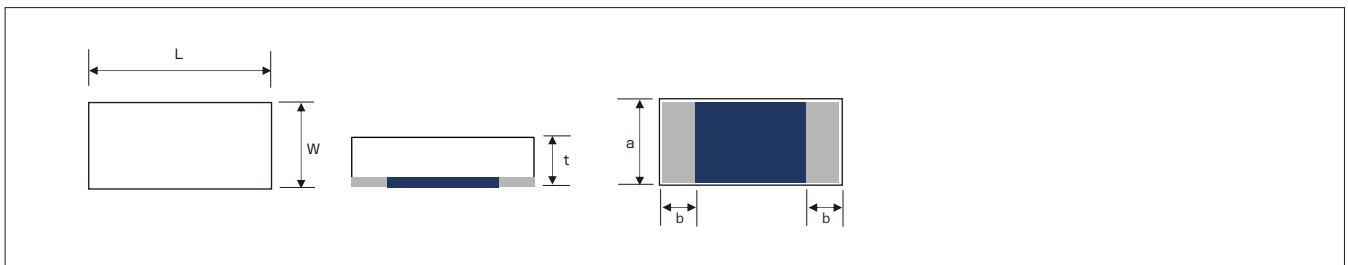
Resistance tolerance D : ±0.5%, M±20%

Resistance values : 50Ω

## Electrical Specification

Type	RFD0603
Impedance	50Ω
Operating frequency	DC~30GHz
rated power	50mW
Rated operating temperature	70℃
Operating temperature	-40℃~+125℃
Packaging quantity	1,000pcs/reel(T1) 5,000pcs/reel(T5) 10,000pcs./reel (T10)

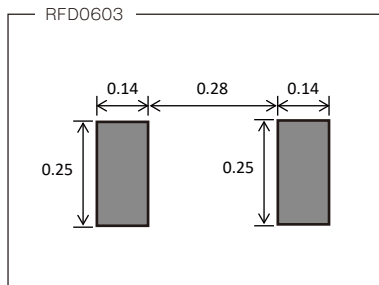
## Dimensions



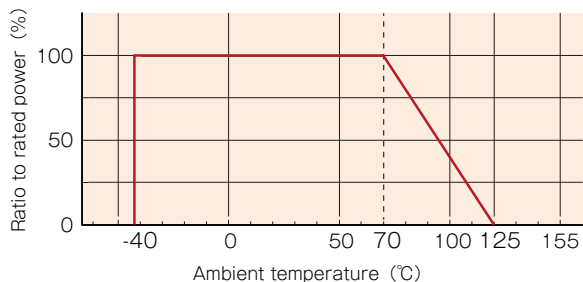
Type (mm)	Size (inch)	L	W	t	a	b
RFD0603	0201	0.60±0.05	0.30±0.05	max 0.30	0.30±0.05	0.14±0.05

(unit : mm)

◆ Recommended land patterns(soldering footprints)



◆ Derating Curve



◆ High frequency characteristics

