



# Metal thin film chip resistors (precision)

## ■ RR series

### Features

- Precision chip resistors excellent in resistance tolerance, TCR, frequency performance, noise characteristics, and linearity.
- \* This product is not currently recommended for use in new design systems.  
Production may be discontinued in the near future.

### Applications

- Consumer electronics that requires precision resistors
- All purpose resistors in any area of electronics

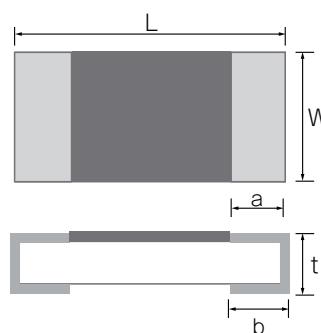
### ◆ Part numbering system

Series code	<b>RR 0816 P - 102 - D - (M) - (***)</b>	
Size: RR0510, RR0816, RR1220,		only given to 3 digit coders for RR0816 E-96 series
Temperature coefficient of resistance		Letter M is added for RR1220 E-96 series 4digit codes
Nominal Resistance RR0510, RR0816, RR1220 E-24: 3 digit, Resistance RR0510, RR0816, RR1220 E-96: 4 digit,		Resistance tolerance

### ◆ Electrical Specification

Type	Power ratings	Temperature coefficient of resistance (ppm/°C)	Resistance range(Ω) Resistance tolerance			Maximum voltage	Resistance value series	Operating temperature	Packaging quantity			
			±0.1% (B)	±0.5% (D)	±1% (F)							
<b>RR0510</b>	1/16W	±25(P)	—	100≤R≤100k	—	25V	E-24, E-96	-55°C ~ 125°C	10,000pcs			
		±100(R)		10≤R<100								
<b>RR0816</b>	1/16W	±25(P)	—	100≤R≤360k	—	75V			5,000pcs			
		±50(Q)		10≤R<100								
<b>RR1220</b>	1/10W	±25(P)	—	100≤R≤1M	—	100V						
		±50(Q)	—	10≤R<100	—							

### ◆ Dimensions



Type	Size (inch)	L	W	a	b	t
<b>RR0510</b>	0402	1.00±0.05	0.50±0.05	0.20±0.10	0.25±0.05	0.35±0.05
<b>RR0816</b>	0603	1.60±0.20	0.80±0.20	0.30±0.20	0.30±0.20	0.40±0.10
<b>RR1220</b>	0805	2.00±0.20	1.25±0.20	0.40±0.20	0.40±0.20	0.40±0.10

(unit : mm)