

Metal thin film chip resistors (precision)

■RR series

Features

- Precision chip resistors excellent in resistance tolerance, TCR, frequency performance, noise characteristics, and linearity.

Applications

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

Thin film surface mount resistors

RR series

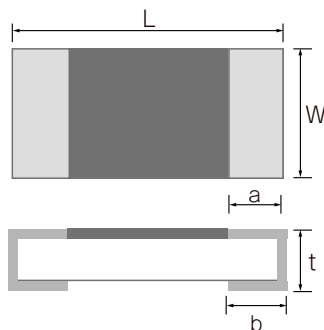
◆Part numbering system

Series code		RR 0816 P - 102 - D - (M) - (***)	
Size: RR0306, 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 RR0306, RR0510, RR0816, RR1220		E-24: 3 digit, E-96: 4 digit,	
		Resistance tolerance	

◆Electrical Specification

Type	Power ratings	Temperature coefficient of resistance	Resistance range(Ω) Resistance tolerance			Maximum voltage	Resistance value series	Operating temperature	Packaging quantity
		(ppm/°C)	±0.1% (B)	±0.5% (D)	±1% (F)				
RR0306	1/20W	±25 (P)	33≤R≤22k			15V	E-24	-55℃ ~ 125℃	5,000pcs
		±100 (R)	—	—	10≤R≤30				10,000pcs
RR0510	1/16W	±25 (P)	—	100≤R≤100k	—	25V	E-24, E-96		10,000pcs
		±100 (R)		10≤R<100					5,000pcs
RR0816	1/16W	±25 (P)	—	100≤R≤360k	—	75V			5,000pcs
		±50 (Q)		10≤R<100					
RR1220	1/10W	±25 (P)	—	100≤R≤1M		100V			
		±50 (Q)	—	10≤R<100	—				

◆Dimensions



Type	Size (inch)	L	W	a	b	t
RR0306	0201	0.60±0.05	0.30±0.05	0.12±0.05	0.12±0.05	0.23±0.03
RR0510	0402	1.00±0.05	0.50±0.05	0.20±0.10	0.25±0.05	0.35±0.05
RR0816	0603	1.60±0.20	0.80±0.20	0.30±0.20	0.30±0.20	0.40±0.10
RR1220	0805	2.00±0.20	1.25±0.20	0.40±0.20	0.40±0.20	0.40±0.10

(unit : mm)