Metal thin film chip resistors
(precision)

■RR series

Features

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

Lead free | Halogen free | RoHS Compliance

Applications

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

◆Part numbering system

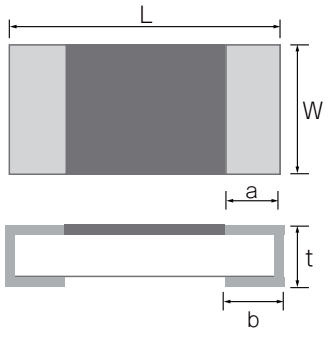
RR 0816 P - 102 - D - (M) - (T5) - (***)

- Series code: RR
- Size: RR0306, RR0510, RR0816, RR1220, RR1632, RR2632,
- Temperature coefficient of resistance: P
- Nominal Resistance value: RR0306, RR0510, RR0816, RR1220 E-24: 3 digit, RR0306, RR0510, RR0816, RR1220 E-96: 4 digit, RR1632, RR2632: 4 digit: 102
- Resistance tolerance: D
- Letter M is added for RR1220 E-96 series 4digit codes: (M)
- Taping quantity: RR1632, RR2632 5000pcs:T5; RR0306, RR0510, RR0816, RR1220: nocode is given: (T5)
- only given to 3 digit coders for RR0816 E-96 series: (***)

◆Electrical Specification

Type	Power ratings	Temperature coefficient of resistance (ppm/°C)	Resistance range(Ω) Resistance tolerance ±0.1% (B)	±0.5% (D)	±1% (F)	Maximum voltage	Resistance value series	Operating temperature	Packaging quantity
RR0306	1/20W	±25(P)	33≦R≦22k			15V	E-24	-55℃ ~ 125℃	5,000pcs
		±100(R)	–	–	10≦R≦30				
RR0510	1/16W	±25(P)	–	100≦R≦100k	–	25V	E-24, E-96		10,000pcs
		±100(R)		10≦R<100					
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	–				
RR1632	1/8W	±5(V)	100≦R≦200k	–	–	150V			T5
		±10(N)							
		±25(P)		51≦R≦1M	–				
		±50(Q)	–	10≦R≦49.9					
RR2632	1/4W	±5(V)	100≦R≦330k	–	–	200V			
		±10(N)							
		±25(P)		51≦R≦2M	–				
		±50(Q)	–	10≦R≦49.9					

◆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
RR1632	1206	3.20±0.20	1.60±0.20	0.50±0.20	0.45±0.20	0.40±0.10
RR2632	1210	3.20±0.20	2.60±0.20	0.50±0.20	0.45±0.20	0.40±0.10

(unit : mm)