

Metal thin film chip resistors (precision)

■ RR series

Features

 Excellent characteristics in resistance tolerance, temperature coefficient of resistance, current noise, and linearity







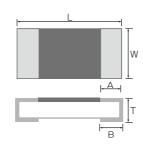
Applications

 Any electronics applications that require accuracy and reliability such as automotive electronics, industrial test and measurement, consumer electronics and many others.

Specifications

*Stocked items: E-24 series (TCR P and Q, resistance tolerance D), other E-24 and E-96 series are made to order.

Dimensions



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	Dimension (inch)	RR0306 (0201)	RR0510 (0402)	RR0816 (0603)	RR1220 (0805)	RR1632 (1206)	RR2632 (1210)				
	L	0.60±0.05	1.00±0.05	1.60±0.20	2.00±0.20	3.20±0.20	3.20±0.20				
	W	0.30±0.05	0.50±0.05	0.80±0.20	1.25±0.20	1.60±0.20	2.60±0.20				
	А	0.12±0.05	0.20±0.10	0.30±0.20	0.40±0.20	0.50±0.20	0.50±0.20				
	В	0.12±0.05	0.25±0.05	0.30±0.20	0.40±0.20	0.45±0.20	0.45±0.20				
	Т	0.23±0.03	0.35±0.05	0.40±0.10	0.40±0.10	0.40±0.10	0.40±0.10				

Electrical characteristics

Series name		RR0	306	RR0510 RR0816		RR1220		RR1632			RR2632				
power		1/20W		1/16W 1		1/1	16W 1/10W		1/8W			1/4W			
E series offered		E-2	24				E-24, E-96								
Resistance range (Ω)		10~ 30	33 ~ 22k	10 ~ 91	100 ~ 100k	10 ~ 91	100 ~ 360k	10~ 91	100 ~ 1 M	10 ~ 47	51 ~ 1M	100 ~ 200k	10 ~ 47	51 ~ 1M	100 ~ 200k
Resistance	±0.1% (B)	_	_	_	_	_	_	_	_	_	_	0	_	_	0
tolerance	±0.5% (D)	_	0	0	0	0	0	0	0	0	0	_	0	0	_
(%)	±1.0% (F)	0	_	_	_	_	_	_	_	_	_	_	_	_	_
_	±5 (V)	_	_	_	_	_	_	_	_	_	_	0	_	_	0
Temperature	±10 (N)	_	_	_	_	_	_	_	_	_	_	0	_	_	0
coefficient of resistance	±25 (P)	_	0	_	0	_	0	_	0	_	0	0	_	0	0
(ppm/°C)	±50 (Q)	_	_	_	_	0	_	0	_	0	_	_	0	_	_
(1-1	±100 (R)	0	_	0	_	_	_	_	_	_	_	_	_	_	_
Maximum voltage		15	5V	25V		75V		100V		150V		200V			
Operating temperature		−55°C~125°C													
Packaging	kaging 5,000pcs 10,000pcs		0 –			0		0		0		0			
i donaging			_	0		_	_	_		_		_			

Contact us for the jumper resistor in RR0816 size (part number: RL0816-JMP)

Part numbering system * Please refer to Page6. RR 0816 P-102-D-(M)-(T5)-(***)- Only given to 3 digit codes for RR0816 E-96 series - Taping quantity RR1632, RR2632 5000pcs: T5 Letter M is added for RR1220 E-96 series 4 digit codes. RR0306, RR0510, RR0816, Resistance tolerance RR1220: no code is given Resistance value RR0306, RR0510, RR0816, RR1220 E-24 series : 3digit RR0306, RR0510, RR0816, RR1220 E-96 series: 4digit RR1632, RR2632: 4digit Rated power Temperature coefficient of resistance Size Series code