



Resistors & Potentiometers

1/4W Carbon Film Resistors

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Description	Resistance(Ω)	Tolerance(±)	Power(W)
9013	RC046K20JT	1/4W Carbon Film Resistor	6.2K ohm	+/-5%	1/4W
3491	RC046K80JT	1/4W Carbon Film Resistors	6.8K ohm	+/-5%	1/4W
9201	RC046M80JT	1/4W Carbon Film Resistors	6.8M ohm	+/-5%	1/4W
4573	RC04750EJT	1/4W Carbon Film Resistors	750 ohm	+/-5%	1/4W
9170	RC04750KJT	1/4W Carbon Film Resistors	750K ohm	+/-5%	1/4W
3479	RC0475E0JT	1/4W Carbon Film Resistors	75 ohm	+/-5%	1/4W
9048	RC0475K0J T	1/4W Carbon Film Resistors	75K ohm	+/-5%	1/4W
8656	RC047E50JT	1/4W Carbon Film Resistors	7.5 ohm	+/-5%	1/4W
9015	RC047K50JT	1/4W Carbon Film Resistors	7.5K ohm	+/-5%	1/4W
8980	RC04820EJT	1/4W Carbon Film Resistors	820 ohm	+/-5%	1/4W
3497	RC04820KJT	1/4W Carbon Film Resistors	820K ohm	+/-5%	1/4W
3481	RC0482E0JT	1/4W Carbon Film Resistors	82 ohm	+/-5%	1/4W
9050	RC0482K0JT	1/4W Carbon Film Resistors	82K ohm	+/-5%	1/4W
8922	RC048E20JT	1/4W Carbon Film Resistors	8.2 ohm	+/-5%	1/4W
3492	RC048K20JT	1/4W Carbon Film Resistors	8.2K ohm	+/-5%	1/4W
9203	RC048M20JT	1/4W Carbon Film Resistors	8.2M ohm	+/-5%	1/4W
8981	RC04910EJT	1/4W Carbon Film Resistors	910 ohm	+/-5%	1/4W
9172	RC04910KJT	1/4W Carbon Film Resistors	910K ohm	+/-5%	1/4W
8957	RC0491E0JT	1/4W Carbon Film Resistors	91 ohm	+/-5%	1/4W
9052	RC0491K0JT	1/4W Carbon Film Resistors	91K ohm	+/-5%	1/4W
8923	RC049E10JT	1/4W Carbon Film Resistors	9.1 ohm	+/-5%	1/4W
9018	RC049K10JT	1/4W Carbon Film Resistors	9.1K ohm	+/-5%	1/4W
9204	RC049M10JT	1/4W Carbon Film Resistors	9.1M ohm	+/-5%	1/4W



1Ω	10Ω	100Ω	1KΩ	10KΩ	100KΩ	1MΩ
1.5Ω	15Ω	150Ω	1.5KΩ	15KΩ	150KΩ	1.5MΩ
2.2Ω	22Ω	220Ω	2.2KΩ	22KΩ	220KΩ	2.2MΩ
3.3Ω	33Ω	330Ω	3.3KΩ	33KΩ	330KΩ	3.3MΩ
3.9Ω	39Ω	390Ω	3.9KΩ	39KΩ	390KΩ	3.9MΩ
4.7Ω	47Ω	470Ω	4.7KΩ	47KΩ	470KΩ	4.7MΩ
5.1Ω	51Ω	510Ω	5.1KΩ	51KΩ	510KΩ	5.1MΩ
6.8Ω	68Ω	680Ω	6.8KΩ	68KΩ	680KΩ	6.8MΩ
8.2Ω	82Ω	820Ω	8.2KΩ	82KΩ	820KΩ	8.2MΩ
9.1Ω	91Ω	910Ω	9.1KΩ	91KΩ	910KΩ	9.1MΩ
0Ω	Ω	Ω	KΩ	KΩ	KΩ	MΩ

Part No.	Product No.	Description	Power(W)
7927	Resistor Boards -1/4W	1/4W Resistor Boards	1/4W

1/2W Carbon Film Resistors

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INTRODUCTION

The resistance temperature coefficient of carbon film resistors is relatively high. Their resistance value changes inversely with temperature. But, as they are big in volume, causing quick dissipation of heat and low temperature rise, they are good enough in quality stability and reliability. And are therefore popularly used in consumer electronic appliances. In addition to the above general features. Our CR series carbon film fixed resistors have the following features in particular.

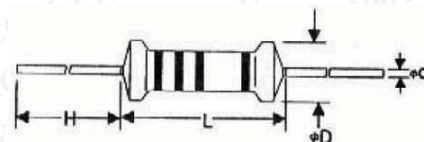
FEATURES

- Automated mass production, low prices.
- Exception long-term stability.
- Standard tolerance: ±2%, ±5%.
- Variety of packaging-bulk, and taped, cut and formed supplied.

SPECIFICATION

DIMENSION

TYPE	MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	RESISTANCE RANGE		TYPE	DIMENSION(mm)				
			±2%(G)	±5%(J)		CR	CRS	L±1	D±0.5	H±3
1/2W	350V	700V	1R~10M	1R~10M	1/2W	1W	9.0	3.2	30	0.6



CHARACTERISTICS

REQUIREMENTS	PERFORMANCE	Test method	
		JIS C 5202	MIL-STD-202
Operating Temp. Range	-55°C ~+155°C	—	—
Dielectric Withstanding Voltage	No evidence of flashover or breakdown	5. 7-A	Method 301
Resistance to solvents	Permanent Marking No physical or electrical damage or deterioration	—	Method 215
Short Time Overload	$\Delta R_{max} \leq \pm(1\%+0.05\Omega)$	5. 5-A	—



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