



# Resistors & Potentiometers

## 1/2W Carbon Film Resistors

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

REQUIREMENTS		PERFORMANCE	Test method	
			JIS C 5202	MIL-STD-202
Resistance to Soldering Heat		$\Delta R_{max} \leq \pm (1\% + 0.05\Omega)$	6. 4-350°C 3 sec	Method 210
Temperature Cycling		$\Delta R_{max} \leq \pm (0.5\% + 0.05\Omega)$	7. 4-55°C 85°C	Method 107
Vibration		$\Delta R_{max} \leq \pm (0.5\% + 0.05\Omega)$	6. 3. 3-A	Method 204
Moisture Resistance	R > 100KΩ	$\Delta R_{max} \leq \pm 5\%$	7. 9. 40°C 90-95% RH. 1000hrs	Method 106
	R ≤ 100KΩ	$\Delta R_{max} \leq \pm (3\% + 0.05\Omega)$		
Load Life	R > 100KΩ	$\Delta R_{max} \leq \pm 3\%$	7. 10 70°C 1000hrs	Method 108
	R ≤ 100KΩ	$\Delta R_{max} \leq \pm (2\% + 0.05\Omega)$		

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Power(W)
9092	RC02560KJT	LIKET	1/2W Carbon Film Resistors	560K ohm	+/-5%	1/2W
8952	RC0256E0JT	LIKET	1/2W Carbon Film Resistors	56 ohm	+/-5%	1/2W
9041	RC0256K0JT	LIKET	1/2W Carbon Film Resistors	56K ohm	+/-5%	1/2W
3498	RC025E10JT	LIKET	1/2W Carbon Film Resistors	5.1 ohm	+/-5%	1/2W
8915	RC025E60JT	LIKET	1/2W Carbon Film Resistors	5.6 ohm	+/-5%	1/2W
8883	RC025K10JT	LIKET	1/2W Carbon Film Resistors	5.1K ohm	+/-5%	1/2W
12903	RC025K60JT	LIKET	1/2W Carbon Film Resistors	5.6K ohm	+/-5%	1/2W
9197	RC025M10JT	LIKET	1/2W Carbon Film Resistors	5.1M ohm	+/-5%	1/2W
9043	RC0262K0JT	LIKET	1/2W Carbon Film Resistors	62K ohm	+/-5%	1/2W
12883	RC02680EJT	LIKET	1/2W Carbon Film Resistors	680 ohm	+/-5%	1/2W
9167	RC02680KJT	LIKET	1/2W Carbon Film Resistors	680K ohm	+/-5%	1/2W
8953	RC0268E0JT	LIKET	1/2W Carbon Film Resistors	68 ohm	+/-5%	1/2W
9045	RC0268K0JT	LIKET	1/2W Carbon Film Resistors	68K ohm	+/-5%	1/2W
8917	RC026E20JT	LIKET	1/2W Carbon Film Resistors	6.2 ohm	+/-5%	1/2W
8918	RC026E80JT	LIKET	1/2W Carbon Film Resistors	6.8 ohm	+/-5%	1/2W
9012	RC026K20JT	LIKET	1/2W Carbon Film Resistors	6.2K ohm	+/-5%	1/2W
3499	RC026K80JT	LIKET	1/2W Carbon Film Resistors	6.8K ohm	+/-5%	1/2W
9200	RC026M80JT	LIKET	1/2W Carbon Film Resistors	6.8M ohm	+/-5%	1/2W
8978	RC02750EJT	LIKET	1/2W Carbon Film Resistors	750 ohm	+/-5%	1/2W
9169	RC02750KJT	LIKET	1/2W Carbon Film Resistors	750K ohm	+/-5%	1/2W
8956	RC0275E0JT	LIKET	1/2W Carbon Film Resistors	75 ohm	+/-5%	1/2W
9047	RC0275K0JT	LIKET	1/2W Carbon Film Resistors	75K ohm	+/-5%	1/2W
8920	RC027E50JT	LIKET	1/2W Carbon Film Resistors	7.5 ohm	+/-5%	1/2W
9014	RC027K50JT	LIKET	1/2W Carbon Film Resistors	7.5K ohm	+/-5%	1/2W
8979	RC02820EJT	LIKET	1/2W Carbon Film Resistors	820 ohm	+/-5%	1/2W
9171	RC02820KJT	LIKET	1/2W Carbon Film Resistors	820K ohm	+/-5%	1/2W
8955	RC0282E0JT	LIKET	1/2W Carbon Film Resistors	82 ohm	+/-5%	1/2W
9049	RC0282K0JT	LIKET	1/2W Carbon Film Resistors	82K ohm	+/-5%	1/2W
8921	RC028E20JT	LIKET	1/2W Carbon Film Resistors	8.2 ohm	+/-5%	1/2W
9016	RC028K20JT	LIKET	1/2W Carbon Film Resistors	8.2K ohm	+/-5%	1/2W
9202	RC028M20JT	LIKET	1/2W Carbon Film Resistors	8.2M ohm	+/-5%	1/2W
9173	RC02910KJT	LIKET	1/2W Carbon Film Resistors	910K ohm	+/-5%	1/2W
8878	RC0291E0JT	LIKET	1/2W Carbon Film Resistors	91 ohm	+/-5%	1/2W
9051	RC0291K0JT	LIKET	1/2W Carbon Film Resistor	91K ohm	+/-5%	1/2W
8924	RC029E10JT	LIKET	1/2W Carbon Film Resistors	9.1 ohm	+/-5%	1/2W
9017	RC029K10JT	LIKET	1/2W Carbon Film Resistors	9.1K ohm	+/-5%	1/2W



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)
7926	resistance board -1/2W	1/2W resistance board	1/2W



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