

# Resistors & Potentiometers

## A-Type 6Pins 1/8W SIP Resistor Networks

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

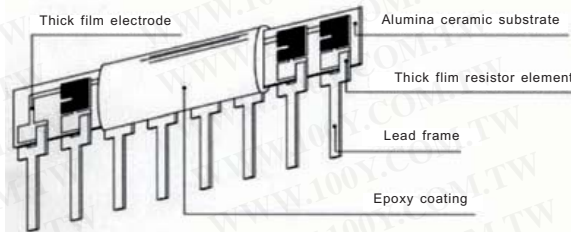
TEST ITEM	CHARACTERISTICS	TEST METHODS		
		JIS C5202	MIL-STD-202F	
max. Resistance changes	Temperature Cycling	$\pm(0.05\%+0.05\Omega)$	7.9 1.000hr	103B at Bated V. 1.000hr
	Moisture Resistance	$\pm 1\% < 100k\Omega < \pm 2\%$	7.9 1.000 hr	103B at Bated V. 1.000hr
	Load Life	$\pm 1\% < 100k\Omega < \pm 2\%$	7.10 1.000hr	108A at 70°Rated V. 1.000hr

Part No.	Product No.	Description	Type	Pins	Resistance data ( $\Omega$ )	Tolerance ( $\pm$ )
5500	RAA06101G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6	100 ohm	+/-2%
5508	RAA06102G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	1K ohm	+/-2%
9958	RAA06103G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	10K ohm	+/-2%
5503	RAA06331G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	330 ohm	+/-2%
5504	RAA06471G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	470 ohm	+/-5%
5506	RAA06472G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	4.7K ohm	+/-2%
5510	RAA06473G	A-Type 6Pins 1/8W SIP Resistor Networks	A-Type	6PINS	47K ohm	+/-2%

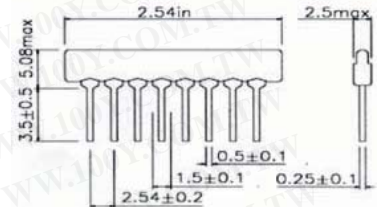
## A-Type 7Pins 1/8W SIP Resistor Networks

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### CONSTRUCTION

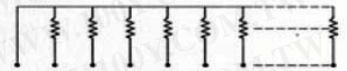


### DIMENSIONS



Style	Rated power per element/ rated power		Max Working V.	Max Overload V.	Ambient Temp.	Resistance range ( $\Omega$ )	Resistance tolerance
	PER RESITOR	7 PIN					
RA1/8	0.125W	0.75W	100V	150V	70°C	22 $\Omega$ -1M $\Omega$	$\pm 1\%$ $\pm 2\%$ $\pm 5\%$

### Type A Side Common



### Type B Isolated Type



### PERFORMANCE SPECIFICATIONS

TEST ITEM	CHARACTERISTICS	TEST METHODS			
		JIS C5202	MIL-STD-202F		
Operating Temp. Range	-55°C~+155°C				
max. Resistance changes	Temp. Coefficient	$\pm 200\text{ppm}/^\circ\text{C}$	5.28	304(operating temp. Range)	
	Short time Overload	$\pm(0.5\%+0.05\Omega)$	5.5	(ML-R-8340 1B 3. 14)	
	Insulation Resistance	Over $10^4$ M $\Omega$	5.6	302A	
	Dielectric Withstanding Voltage	$\pm(0.05\%+0.05\Omega)$	5.7F		
	Terminal Strength	Pull Test	$\pm(0.05\%+0.05\Omega)$	6.1(1)1Kg/10sec	211A,A
		Bend Test	3Cycle and Over	6.1(4)250g	211A,B
	Resistance to Soldering Heat	$\pm(0.05\%+0.05\Omega)$	6.4 260°C/10sec		210A,B
	Solder ability	Over 3/4	6.5 230°C/5sec		208C
	Life(at Elevated Ambient Temp.)	$\pm 3\%$	7.2 155°C1.000hr		108A 155°C 1.000hr
	Temperature Cycling	$\pm(0.05\%+0.05\Omega)$	7.9 1.000hr		103B at Bated V. 1.000hr
	Moisture Resistance	$\pm 1\% < 100k\Omega < \pm 2\%$	7.9 1.000 hr		103B at Bated V. 1.000hr
Load Life	$\pm 1\% < 100k\Omega < \pm 2\%$	7.10 1.000hr		108A at 70°Rated V. 1.000hr	

Part No.	Product No.	Description	Type	Pins	Resistance data ( $\Omega$ )	Tolerance ( $\pm$ )
5511	RAA07101G	A-Type 7Pins 1/8W SIP Resistor Networks	A-Type	7PINS	100 ohm	+/-2%
5515	RAA07102G	A-Type 7Pins 1/8W SIP Resistor Networks	A-Type	7PINS	1K ohm	+/-2%
5519	RAA07103G	A-Type 7Pins 1/8W SIP Resistor Networks	A-Type	7PINS	10K ohm	+/-2%
5512	RAA07471J	A-Type 7Pins 1/8W SIP Resistor Networks	A-Type	7PINS	470 ohm	+/-5%
5516	RAA07472G	A-Type 7Pins 1/8W SIP Resistor Networks	A-Type	7PINS	4.7K ohm	+/-2%

