

Resistors & Potentiometers

0402 Chip Resistors -(1/16W)

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

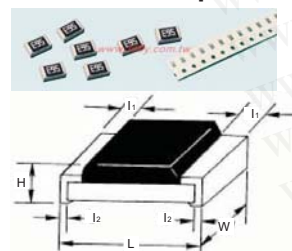
TEST AND REQUIREMENTS

TEST	PROCEDURE	REQUIREMENT	
		Resistor	Jumper
Load life (endurance)	70±2°C, 1000 hours, loaded with RCWV or Vmax, 1.5 hours on and 0.5 hours off	10Ω~1MΩ <10Ω or ≥1MΩ	±(3%+0.1Ω) ±(5%+0.1Ω) < 50mΩ
Load life in Humidity	1000 hours, at rated continuous working voltage in humidity chamber controller at 40°C±2°C and 90~95% relative humidity, 1.5hours on and 0.5 hours off	10Ω~1MΩ <10Ω or ≥1MΩ	±(3%+0.1Ω) ±(5%+0.1Ω) < 50mΩ
Bending and Termination strength	Resistors mounted on a 90mm glass epoxy resin PCB(FR4); bending : 5 mm, once for 10seconds Pulling test : 500grams	no visible damage ΔR/R max. ±(1%+0.10Ω)	no visible damage, < 50mΩ

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Package
46630	WR04X1001FTL	WALSIN	0402 Chip Resistor	1KΩ	±1%	10KPCS/R
47031	WR04X1002FTL	WALSIN	0402 Chip Resistor	10000Ω	±1%	10KPCS/R
46625	WR04X100JTL	WALSIN	0402 Chip Resistor	10Ω	±5%	10KPCS/R
46628	WR04X101JTL	WALSIN	0402 Chip Resistor	100Ω	±5%	10KPCS/R
46639	WR04X103JTL	WALSIN	0402 Chip Resistor	10KΩ	±5%	10KPCS/R
46643	WR04X104JTL	WALSIN	0402 Chip Resistor	100KΩ	±5%	10KPCS/R
46664	WR04X105JTL	WALSIN	0402 Chip Resistor	1000KΩ	±5%	10KPCS/R
46665	WR04X115JTL	WALSIN	0402 Chip Resistor	1100KΩ	±5%	10KPCS/R
47035	WR04X1203FTL	WALSIN	0402 Chip Resistor	120000Ω	±1%	10KPCS/R
46663	WR04X124JTL	WALSIN	0402 Chip Resistor	120KΩ	±5%	10KPCS/R
46640	WR04X1502FTL	WALSIN	0402 Chip Resistor	15KΩ	±5%	10KPCS/R
46624	WR04X160JTL	WALSIN	0402 Chip Resistor	16Ω	±5%	10KPCS/R
47032	WR04X2002FTL	WALSIN	0402 Chip Resistor	20000Ω	±1%	10KPCS/R
46631	WR04X222JTL	WALSIN	0402 Chip Resistor	2200Ω	±5%	10KPCS/R
46632	WR04X2701FTL	WALSIN	0402 Chip Resistor	2700Ω	±5%	10KPCS/R
47036	WR04X2703FTL	WALSIN	0402 Chip Resistor	270000Ω	±1%	10KPCS/R
47033	WR04X3002FTL	WALSIN	0402 Chip Resistor	30000Ω	±1%	10KPCS/R
46666	WR04X332JTL	WALSIN	0402 Chip Resistor	3300Ω	±5%	10KPCS/R
46641	WR04X3602FTL	WALSIN	0402 Chip Resistor	36KΩ	±1%	10KPCS/R
46634	WR04X3901FTL	WALSIN	0402 Chip Resistor	3900Ω	±1%	10KPCS/R
47020	WR04X4701FTL	WALSIN	0402 Chip Resistor	4700Ω	±1%	10KPCS/R
46627	WR04X470JTL	WALSIN	0402 Chip Resistor	47Ω	±5%	10KPCS/R
46642	WR04X473JTL	WALSIN	0402 Chip Resistor	47KΩ	±5%	10KPCS/R
46635	WR04X5601FTL	WALSIN	0402 Chip Resistor	5600Ω	±1%	10KPCS/R
46629	WR04X6200FTL	WALSIN	0402 Chip Resistor	620Ω	±1%	10KPCS/R
47034	WR04X6202FTL	WALSIN	0402 Chip Resistor	62000Ω	±1%	10KPCS/R
46637	WR04X752JTL	WALSIN	0402 Chip Resistor	7500Ω	±5%	10KPCS/R
46638	WR04X8201FTL	WALSIN	0402 Chip Resistor	8200Ω	±1%	10KPCS/R

0603 Chip Resistors (1/10W)

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DIMENSIONS

STYLE	L	W	H	l ₁	l ₂
RC0603	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.25±0.15

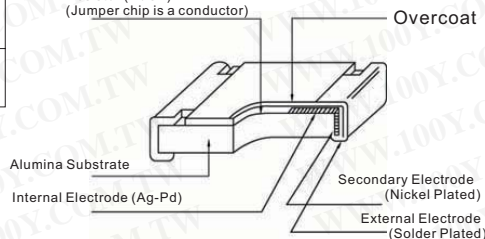


ELECTRICAL CHARACTERISTICS

STYLE	RC0603
Power Rating @ 70°C	1/10W
Operating Temp. Range	-55°C ~ +155°C
Maximum Working Voltage	50V
Maximum Overload Voltage	100V
Dielectric Withstand Voltage	100V
Resistance Range	1Ω ~ 22MΩ 1Ω ~ 4.7MΩ
TCR	±200ppm/°C ±250ppm/°C ±300ppm/°C 0/+500ppm/°C
Jumper Criteria	Rated Current (A) Maximum Current (A)
	1.0 2.0

Unit : mm

Resistor (RuO2)
(Jumper chip is a conductor)



FEATURES

- Extremely Thin and Light
- Highly Reliable Multilayer Electrode Construction
- Compatible with all Soldering Process
- Highly Stable in Auto-Placement Surface Mounting Applications
- Barrier Layer End Termination
- Zero Ohm Jumper is Available
- Available in 8mm Tape & Reel per EIA Rs481



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