

# Resistors & Potentiometers

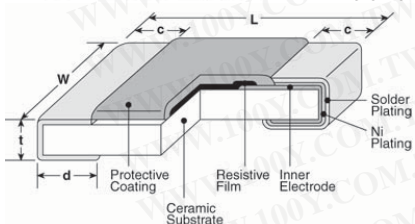
## 0402 Chip Resistors -(1/16W)

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

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Package
42953	RC0402JR-07100K	YAGEO	0402 Chip Resistors-Thick Film	10Kohm	+/-5%	10,000pcs/R
32164	RC0402JR-07100R	YAGEO	0402 Chip Resistors-Thick Film	100 ohm	+/-5%	10,000pcs/R
42952	RC0402JR-0710K	YAGEO	0402 Chip Resistors-Thick Film	10Kohm	+/-5%	10,000pcs/R
32165	RC0402JR-0710R	YAGEO	0402 Chip Resistors-Thick Film	10 ohm	+/-5%	10,000pcs/R
42954	RC0402JR-07150K	YAGEO	0402 Chip Resistors-Thick Film	150K ohm	+/-5%	10,000pcs/R
42949	RC0402JR-071K	YAGEO	0402 Chip Resistors-Thick Film	1Kohm	+/-5%	10,000pcs/R
42950	RC0402JR-071K5	YAGEO	0402 Chip Resistors-Thick Film	1.5K ohm	+/-5%	10,000pcs/R
42964	RC0402JR-071M	YAGEO	0402 Chip Resistors-Thick Film	1Mohm	+/-5%	10,000pcs/R
42955	RC0402JR-07200K	YAGEO	0402 Chip Resistors-Thick Film	200Kohm	+/-5%	10,000pcs/R
42946	RC0402JR-0720R	YAGEO	0402 Chip Resistors-Thick Film	20ohm	+/-5%	10,000pcs/R
28575	RC0402JR-0727R	YAGEO	0402 Chip Resistors-Thick Film	27 OHM	+/-5 %	10,000pcs/R
42951	RC0402JR-072K2	YAGEO	0402 Chip Resistors-Thick Film	2.2Kohm	+/-5%	10,000pcs/R
42948	RC0402JR-07330R	YAGEO	0402 Chip Resistors-Thick Film	330ohm	+/-5%	10,000pcs/R
42956	RC0402JR-07470K	YAGEO	0402 Chip Resistors-Thick Film	470Kohm	+/-5%	10,000pcs/R
42947	RC0402JR-0747R	YAGEO	0402 Chip Resistors-Thick Film	47ohm	+/-5%	10,000pcs/R
21829	RC0402JR-074K7	YAGEO	0402 Chip Resistors-Thick Film	4.7.K ohm	+/-5%	20Pcs
32166	RC0402JR-07510R	YAGEO	0402 Chip Resistors-Thick Film	510 ohm	+/-5%	10,000pcs/R
42957	RC0402JR-07820K	YAGEO	0402 Chip Resistors-Thick Film	820K ohm	+/-5%	10,000pcs/R
42958	RC0402JR-07910K	YAGEO	0402 Chip Resistors-Thick Film	910Kohm	+/-5%	10,000pcs/R

### Features

- RuO<sub>2</sub> thick film resistor element
- Anti-leaching nickel barrier terminations
- Meets or exceeds EIA 575, EIAJ RC 2690A, EIA PDP-100, MIL-R-55342F
- Marking: White three-digit on black protective coat No marking on 1F, 1H and 1E sizes
- Products with lead-free terminations meet RoHS requirements
- Products with lead-free terminations meet RoHS requirements. Pb located in glass material, electrode and resistor element is exempt per Annex 1, exemption 5 of EU directive 2005/95/EC



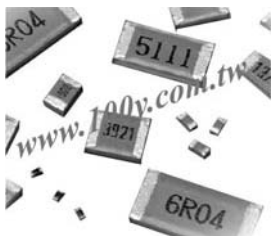
### DIMENSIONS AND CONSTRUCTION

Type (Inch Size Code)	Dimensions inches (mm)				
	L	W	c	d	t
1E (0402)	.039 <sup>+0.004</sup> <sub>-.002</sub> (1.0 <sup>+0.1</sup> <sub>-0.05</sub> )	.02±.002 (0.5±0.05)	.008±.004 (0.2±0.1)	.01 <sup>+0.002</sup> <sub>-.004</sub> (0.25 <sub>-0.1</sub> )	.014±.002 (0.35±0.05)

### APPLICATIONS AND RATINGS

Part Designation*	Power Rating @ 70°C	T.C.R. (ppm/°C) Max.	Resistance Range E-24** (G±2%)	Resistance Range E-24** (J±5%)	Absolute Maximum Working Voltage	Absolute Maximum Overload Voltage	Operating Temperature Range***
RK73B1E (0402)	1/16W (.063W)	±200	10Ω- 1MΩ	10Ω- 10MΩ	50V	100V	-55°C to +155°C
		±400	—	1.0Ω- 9.1Ω			

Part No.	Product No.	Description	Resistance data(Ω)	Tolerance(±)	Package
41580	RK73B1ETTP103J	General purpose 2%, 5% tolerance thick film chip resistor	10Ω	±5%	2mm pitch punched paper
41581	RK73B1ETTP104J	General purpose 2%, 5% tolerance thick film chip resistor	10Ω	±5%	2mm pitch punched paper
41585	RK73B1ETTP105J	General purpose 2%, 5% tolerance thick film chip resistor	10Ω	±5%	2mm pitch punched paper
41579	RK73B1ETTP202J	General purpose 2%, 5% tolerance thick film chip resistor	10Ω	±5%	2mm pitch punched paper



- RuO<sub>2</sub> thick film resistor element
- Anti-leaching nickel barrier terminations
- Meets or exceeds EIA 575, EIAJ RC 2690A, EIA PDP-100, MIL-R-55342F
- Marking: Four-digit black on blue protective coat on 1E - 3A sizes. No marking on 1E size Black body and no marking on 1H size Three-digit on 1J size, E-24 values only
- Products with lead-free terminations meet RoHS requirements. Pb located in glass material, electrode and resistor element is exempt per Annex 1, exemption 5 of EU directive 2005/95/EC

### APPLICATIONS AND RATINGS

Part Designation*	Power Rating @ 70°C	T.C.R. (ppm/°C) Max.	Resistance Range E-24** (G±2%)	Resistance Range E-24** (J±5%)	Absolute Maximum Working Voltage	Absolute Maximum Overload Voltage	Operating Temperature Range***
RK73H1E (0402)	1/16W (.063W)	±100	10Ω- 976k	10Ω- 1MΩ	50V	100V	-55°C to +155°C
		±200	—	1.02Ω- 10MΩ			
		±400	—	1.0Ω- 9.76Ω			



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