

Resistors & Potentiometers

0805 Chip Resistors -(1/8W)

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



CONSTRUCTION

The resistors are constructed out of a high-grade ceramic body. Internal metal electrodes are added at each end and connected by a resistive paste. The composition of the paste is adjusted to give the approximate required resistance and laser cutting of this resistive layer that achieves tolerance trims the value. The resistive layer is covered with a protective coat and printed with the resistance value. Finally, the two external terminations (pure Tin) are added. See fig. 3.

CHARACTERISTICS

RC0805 1/8W	
Operating Temperature Range	-55 °C to +155 °C
Maximum Working Voltage	150 V
Maximum Overload Voltage	300 V
Dielectric Withstanding Voltage	300 V
Resistance Range	5% (E24) 1 Ω to 22 MΩ 1% (E96) 1 Ω to 10 MΩ Zero Ohm Jumper < 0.05 Ω
Temperature Coefficient	10 Ω < R ≤ 10 MΩ ±100 ppm/°C R ≤ 10 Ω; R > 10 MΩ ±200 ppm/°C
Jumper Criteria	Rated Current 2.0 A Maximum Current 5.0 A

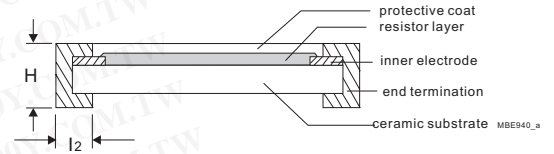
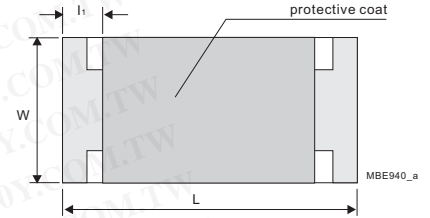


Fig. 3 Chip resistor construction



TYPE	RC0805
L (mm)	2.00 ±0.10
W (mm)	1.25 ±0.10
H (mm)	0.50 ±0.10
l1 (mm)	0.35 ±0.20
l2 (mm)	0.35 ±0.20

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(±)	Package
12211	0805-620KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	620K ohm	+/-5%	5000pcs/R
6643	0805-62Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	62 ohm	+/-5%	5000pcs/R
16908	0805-680KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	680K ohm	+/-1%	5000pcs/R
6789	0805-680KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	680K ohm	+/-5%	5000pcs/R
17062	0805-680Ω±1%	YAGEO	SMD Resistor	680 ohm	+/-1%	5000pcs/R
17056	0805-680Ω±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	680 ohm	+/-1%	5000pcs/R
16735	0805-68KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	68 K ohm	+/-1%	5000pcs/R
6647	0805-68Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	68 ohm	+/-5%	5000pcs/R
11715	0805-6K34Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	6.34K ohm	+/-1%	5000pcs/R
6551	0805-7.5Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	7.5 ohm	+/-5%	
31707	0805-750KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	750K ohm	±1%	5000pcs/R
6570	0805-8.2Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	8.2 ohm	+/-5%	5000pcs/R
12210	0805-820KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	820K ohm	+/-5%	5000pcs/R
4516	0805-820Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	820 ohm	+/-5%	5000pcs/R
17893	0805-82KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	82K ohm	+/-1%	5000pcs/R
17894	0805-82KΩ±1%	YAGEO	SMD Resistor	82K ohm	+/-1%	5000pcs/R
6676	0805-82Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	82 ohm	+/-5%	5000pcs/R
28620	0805-9.09KΩ±1%	EVER OHMS	0805 SMD Resistor	9.09K ohm	+/-1%	5000pcs/R
6588	0805-9.1Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	9.1 ohm	+/-5%	5000pcs/R
12209	0805-910KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	910K ohm	+/-5%	5000pcs/R
15468	0805-91KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	91K ohm	+/-1%	5000pcs/R
12224	0805-91KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	91K ohm	+/-5%	5000pcs/R
28625	0805-97.6KΩ±1%	EVER OHMS	0805 SMD Resistor	97.6K ohm8	+/-1%	5000pcs/R
16860	RC0805FR-07100R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	100 ohm	+/-1%	5000pcs/R
32534	RC0805FR-07105K	YAGEO	0805 Chip Resistors-Thick Film	105K ohm	+/-1%	5000pcs/R
47875	RC0805FR-07110KL	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	110K ohm	+/-1%	5000pcs/R
38646	RC0805FR-07120R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	120 ohm	+/-1%	5000pcs/R
32533	RC0805FR-07169K	YAGEO	0805 Chip Resistors-Thick Film	169K ohm	+/-1%	5000pcs/R
40585	RC0805FR-0716KL	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	16K ohm	+/-1%	5000pcs/R
15995	RC0805FR-071K	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	1K ohm	+/-1%	5000pcs/R
38805	RC0805FR-071K5	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	1.5K ohm	+/-1%	5000pcs/R
38808	RC0805FR-0720R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	20 ohm	+/-1%	5000pcs/R
38806	RC0805FR-07300R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	300 ohm	+/-1%	5000pcs/R
38804	RC0805FR-07330R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	330 ohm	+/-1%	5000pcs/R
19650	RC0805FR-0733K	YAGEO	0805 Chip Resistors-Thick Film	33K ohm	+/-1%	5000pcs/R
19651	RC0805FR-0733K	YAGEO	0805 Chip Resistors-Thick Film	33K ohm	+/-1%	5000pcs/R
32532	RC0805FR-07360R	YAGEO	0805 Chip Resistors-Thick Film	360 ohm	+/-1%	5000pcs/R
40586	RC0805FR-07360R	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	360 ohm	+/-1%	5000pcs/R
39262	RC0805FR-0740K2L	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	40.2K ohm	+/-1%	5000pcs/R
14626	RC0805FR-0749K9	YAGEO	0805 Chip Resistors-Thick Film	49.9K ohm	+/-1%	5000pcs/R
6762	RC0805FR-0749K9	YAGEO	0805 Chip Resistors-Thick Film	49.9K ohm	+/-1%	
20048	RC0805FR-0749R9L	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	49.9Ω	±1%	5000Pcs/R
14627	RC0805FR-074K99	YAGEO	0805 Chip Resistors-Thick Film	1.99K ohm	+/-1%	5000pcs/R



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