

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 Zero Ohm Jumper < 0.05 Ω	1% (E96) 1 Ω to 10 MΩ
Temperature Coefficient		10 Ω < R ≤ 10 MΩ R ≤ 10 Ω; R > 10 MΩ	±100 ppm/°C ±200 ppm/°C
Jumper Criteria		Rated Current	2.0 A
		Maximum Current	5.0 A

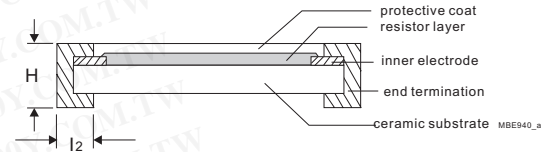
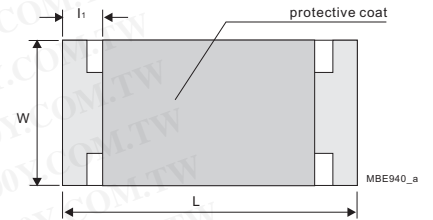


Fig. 3 Chip resistor construction



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
6469	0805-2.2Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	2.2 ohm	+/-5%	5000pcs/R
28616	0805-2.4KΩ±1%	EVER OHMS	0805 SMD Resistor	2.4K ohm	+/-1%	5000pcs/R
6495	0805-2.4Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	2.4 ohm	+/-5%	
6719	0805-2.7KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	2.7K ohm	+/-5%	5000pcs/R
19580	0805-2.7KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	2.7K ohm	+/-5%	5000pcs/R
6506	0805-2.7Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	2.7 ohm	+/-5%	
16862	0805-200KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	200K ohm	+/-1%	5000pcs/R
17245	0805-200Ω±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	200 ohm	+/-1%	5000pcs/R
6680	0805-200Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	200 ohm	+/-5%	5000pcs/R
14628	0805-20KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	20K ohm	+/-1%	5000pcs/R
28624	0805-20KΩ±1%	EVER OHMS	0805 SMD Resistor	20K ohm8	+/-1%	5000pcs/R
5392	0805-20KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	20K ohm	+/-5%	5000pcs/R
11904	0805-21K±1%	YAGEO	0805 Chip Resistors-Thick Film	21K ohm	+/-5%	5000pcs/R
23913	0805-220KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	220K ohm	+/-1%	5000pcs/R
15335	0805-220Ω±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	220 ohm	+/-1%	5000pcs/R
15336	0805-226Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	226 ohm	+/-1%	5000pcs/R
17243	0805-22Ω±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	22 ohm	+/-1%	5000pcs/R
22371	0805-22Ω±5%		0805 SMD Resistor	22ohm	+/-5%	5000pcs/R
31728	0805-232Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	232 ohm	±1%	5000pcs/R
15337	0805-232Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	232 ohm	±1%	5000pcs/R
15338	0805-237Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	237 ohm	+/-1%	5000pcs/R
15310	0805-240Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	240 ohm	+/-1%	5000pcs/R
6689	0805-240Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	240 ohm	+/-5%	5000pcs/R
15339	0805-243Ω±1%	YAGEO	SMD Resistor	243 ohm	+/-1%	5000pcs/R
28908	0805-249KΩ±1%		0805 Chip Resistors	249KΩ	±1%	5000pcs/R
15340	0805-249Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	249 ohm	+/-1%	5000pcs/R
20049	0805-24Ω±1%	YAGEO	SMD Resistor	24 ohm	+/-1%	5000pcs/R
20063	0805-24Ω±1%		0805 Chip Resistors-Thick Film	24Ω	±1%	5000pcs/R
6611	0805-24Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	24 ohm	+/-5%	5000pcs/R
15341	0805-255Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	255 ohm	+/-1%	5000pcs/R
17247	0805-270Ω±1%	YAGEO	0805 Chip Resistors-Thick Film	270 ohm	+/-1%	5000pcs/R
6691	0805-270Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	270 ohm	+/-5%	5000pcs/R
17054	0805-27KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film	27K ohm	+/-1%	5000pcs/R
6612	0805-27Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	27 ohm	+/-5%	5000pcs/R
14629	0805-2KΩ±1%	YAGEO	0805 Chip Resistors-Thick Film-Lead Free	2K ohm	+/-1%	5000pcs/R
28614	0805-2KΩ±1%	EVER OHMS	0805 SMD Resistor	2K ohm	+/-1%	5000pcs/R
5394	0805-2KΩ±5%	YAGEO	0805 Chip Resistors-Thick Film	2K ohm	+/-5%	5000pcs/R
6466	0805-2Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	2 ohm	+/-5%	5000pcs/R
28618	0805-3.3KΩ±1%	EVER OHMS	0805 SMD Resistor	3.3K ohm	+/-1%	5000pcs/R
6510	0805-3.6Ω±5%	YAGEO	0805 Chip Resistors-Thick Film	3.6 ohm	+/-5%	

