

## Resistors &amp; Potentiometers

## 0603 Chip Resistors (1/10W)

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

## ENVIRONMENTAL CHARACTERISTICS

PERFORMANCE TEST	TEST METHOD		1% TOL.	5% TOL.
Temperature Coefficient	MIL-STD-202F, Method 304	LCT to UCT	by Type	
Thermal Shock	MIL-STD-202F, Method 107G	25 Cycles, -65°C to +125°C (Step by Step 2 min.)	±(0.5%+0.05Ω)	±(1%+0.05Ω)
Low Temperature Operation	MIL-R-55342D, Para.4.7.4	One Hour at -65°C Followed by 45 Minutes RCWV	±(0.5%+0.05Ω)	±(1%+0.05Ω)
Short Time Overload	MIL-R-55342D, Para.4.7.5	2.5 Times RCWV for 5 Seconds	±(1%+0.05Ω)	±(2%+0.05Ω)
Insulation Resistance	JIS-C-5202, 5.6	RCOV for 1 Minute	>10GΩ	
Dielectric Withstand Voltage	JIS-C-5202, 5.7	R.M.S. for 1 Minute	by Type	
Resistance to Soldering Heat	MIL-STD-202F, Method 210C	Soldered to Test Board at 260°C for 10 Seconds	±(0.5%+0.05Ω)	±(1%+0.05Ω)
Moisture Resistance	MIL-STD-202F, Method 106F	42 Cycles. Total 1000 Hours	±(0.5%+0.05Ω)	±(2%+0.05Ω)
Life	MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent	±(1%+0.05Ω)	±(3%+0.05Ω)
Solderability	JIS-C-5202, 6.11	230°C for 5 Seconds	>95% Coverage	
Bending Strength	JIS-C-5202, 6.1.4	Unit Mounted in Center of 90mm Board Length, Deflected 5mm (power chip 2mm) in Either Direction for 5 Seconds	±(1%+0.05Ω)	±(1%+0.05Ω)

Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)	Package
16858	0603-1.1KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1.1K ohm	+/-1%	5000pcs/R
28644	0603-1.24KΩ±1%	YAGEO	SMD Chip Resistors	1.24KΩ	±1%	
16336	0603-1.27KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1.27K ohm	+/-1%	5000pcs/R
16593	0603-1.3KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1.3K ohm	+/-1%	5000pcs/R
28588	0603-1.5KΩ±5%		0603 Chip Resistors-Thick Film	1.5K ohm	+/-5%	5000pcs/R
27941	0603-1.5KΩ±5%	YAGEO	SMD Chip Resistors	1.5KΩ	±5%	
28337	0603-1.91KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1.91K ohm	+/-1%	
16592	0603-1.91KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1.91K ohm	+/-1%	5000pcs/R
29191	0603-110Ω±5%	YAGEO	SMD Resistor	110 ohm	+/-5%	5000pcs/R
20301	0603-12.1KΩ±1%	YAGEO	SMD Resistor	2.1K ohm	+/-1%	
19413	0603-120KΩ±5%	YAGEO	0603 Chip Resistors-Thick Film	120K ohm	+/-5%	5000pcs/R
26944	0603-130Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	130 ohm	+/-1%	
23992	0603-130Ω±1%		SMD 0603 Resistor	130Ω	±1%	5000pcs/R
28231	0603-130Ω±10%		SMD 0603 Resistor	130 ohm	±10%	
25098	0603-15.4K±1%	YAGEO	SMD Resistor	15.4KΩ	±1%	
22374	0603-150Ω±1%		0603 Chip Resistors-Thick Film	150 ohm	+/- 1%	
28587	0603-15KΩ±5%		0603 Chip Resistors-Thick Film	15K ohm	+/-5%	5000pcs/R
20498	0603-17.8KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	17.8K ohm	+/-1%	
23548	0603-180Ω±1%	YAGEO	SMD Resistor	180 ohm	+/-1%	
22728	0603-18KΩ±1%	YAGEO	SMD Resistor	18Kohm	+/-1%	
28232	0603-18Ω±10%		SMD 0603 Resistor	18 ohm	±10%	
23720	0603-191Ω±5%		SMD Resistor	191Ω	±5%	
19412	0603-1MΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	1M ohm	+/-1%	5000pcs/R
24641	0603-1Ω ± 1%	YAGEO	SMD Resistor	1Ω	±1%	5000PCS/R
25841	0603-2.7Ω±1%	YAGEO	SMD Resistor	2.7Ω	±1%	
29358	0603-200KΩ ± 5%	YAGEO	0603 Chip Resistors-Thick Film	200KΩ	±5%	5000pcs/R
17792	0603-200KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	200K ohm	+/-1%	
16027	0603-20Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	20 ohm	+/-1%	5000pcs/R
16029	0603-210Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	210 ohm	+/-1%	5000pcs/R
24082	0603-220KΩ±1%	YAGEO	SMD Resistor	220KΩ	±1%	
29254	0603-220KΩ±5%	YAGEO	SMD Resistor	220KΩ	±5%	5000pcs/R
16121	0603-24.9Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	24.9 ohm	+/-1%	5000pcs/R
17794	0603-240KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	240K ohm	+/-1%	
16030	0603-240Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	240 ohm	+/-1%	5000pcs/R
32238	0603-249Ω±1%	YAGEO	SMD Resistor	249 ohm	+/-1%	5000pcs/R
17757	0603-24Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	24 ohm	+/-1%	5000pcs/R
25090	0603-27.4K±1%	YAGEO	SMD Resistor	27.4KΩ	±1%	
22729	0603-270KΩ±1%	YAGEO	SMD Resistor	270Kohm	+/-1%	
16025	0603-270Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	270 ohm	+/-1%	5000pcs/R
16934	0603-27KΩ±1%	YAGEO	SMD Resistor	27K ohm	+/-1%	5000pcs/R
17753	0603-2K94Ω±1%	YAGEO	0603 Chip Resistors-Thick Film	2.94K ohm	+/-1%	5000pcs/R
12804	0603-2KΩ±5%	YAGEO	0603 Chip Resistors-Thick Film	2K ohm	+/-5%	5000pcs/R
23790	0603-2Ω±1%	YAGEO	SMD 1% Resistors	2Ω	±1%	5000pcs/R
29036	0603-3.48KΩ ±1%	YAGEO	0603 Chip Resistors-Thick Film	3.48K ohm	±1%	5000pcs/R
17771	0603-3.6KΩ±1%	YAGEO	0603 Chip Resistors-Thick Film	3.6K ohm	+/-1%	
32237	0603-3.6KΩ±5%	YAGEO	SMD Resistor	3.6K ohm	±5%	5000pcs/R

