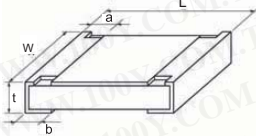


Resistors & Potentiometers

0603 Chip Resistors (1/10W)

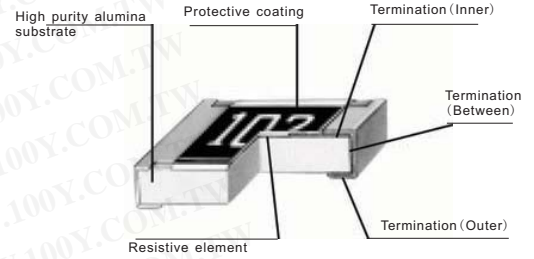
Detailed product specifications are available on: us.100y.com.tw



Dimensions in mm (not to scale)

Panasonic

Type (inches)	Dimensions (mm)					Weight (1000 pcs.)
	L	W	a	b	t	
ERJ3G (0603)	1.60 ^{+0.15}	0.80 ^{+0.15} _{-0.05}	0.30 ^{+0.20}	0.30 ^{+0.15}	0.45 ^{+0.10}	2g

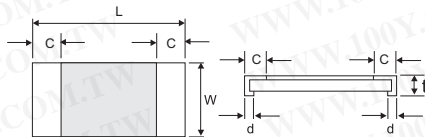


Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)	Package
41610	ERJ-3GEYJ103V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41611	ERJ-3GEYJ104V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41603	ERJ-3GEYJ106V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41605	ERJ-3GEYJ152V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41612	ERJ-3GEYJ181V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41609	ERJ-3GEYJ202V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41607	ERJ-3GEYJ270V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R
41613	ERJ-3GEYJ471V	Panasonic	Thick Film Chip Resistors	10MΩ	±5%	2500PCS/R



FEATURE

- The resistive layer is covered with a protective coating to assure mechanical and environmental integrity
- Excellent mechanical strength and electrical stability due to special electrode construction.
- Free from troubles at placement due to accurate and uniformed physical dimensions.
- Low TCR available: 100ppm, 50ppm, 25ppm.



TYPE	L	W	t	c	d
0603	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20

Unit: mm

CHARACTERISTICS

TEST	LIMITS	TEST METHOD	
		JIS C 5202	EIAJ 2690
Terminal strength	±(1%+0.05Ω) over 1Kg/mm ²	—	6.5
Resistance to soldering heat	±(1%+0.05Ω)	6.4 270°C/10 sec.	—
Short time overload	±(1%+0.05Ω)	5.5A	—
Intermittent overload	±(2%+0.05Ω)	5.8	—
Temperature cycling	±(2%+0.2Ω)	—	6.8
Load life	±(3%+0.1Ω)	7.10 1,000Hr	—
Moisture resistance	±(2%+0.05Ω)	7.9 1,000Hr	—
Electrode solderability	>95% coverage	6.5 230°C/5 sec.	—
Insulation resistance	10M Ω MIN.	—	—
Dielectric withstanding voltage	500V. / minute	—	—
Vibration	±1%	—	—

RATINGS

TYPE	MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	OPERATING TEMP RANGE	RESISTANCE TOLERANCE	RESISTANCE RANGE
0603	50V	100V	-55°C+125°C	5%, 2%	1Ω~10MΩ

Part No.	Product No.	Manufacturer	Description	Resistance(Ω)	Tolerance(±)	Package
17232	0603-115Ω±1%	SYNTON	0603 Chip Resistors-Thick Film	115 ohm	+/-1%	5000pcs/R
16830	0603-10MΩ±5%	SYNTON	0603 Chip Resistors-Thick Film	10M ohm	+/-1%	5000pcs/R
16026	0603-150Ω±5%	SYNTON	0603 Chip Resistors-Thick Film	150 ohm	+/-5%	5000pcs/R
17228	0603-2.2Ω±5%	SYNTON	0603 Chip Resistors-Thick Film	2.2 ohm	+/-5%	5000pcs/R
16024	0603-3.3KΩ±5%	SYNTON	0603 Chip Resistors-Thick Film	3.3K ohm	+/-5%	5000pcs/R
17229	0603-300Ω±1%	SYNTON	0603 Chip Resistors-Thick Film	300 ohm	+/-1%	5000pcs/R
17231	0603-470Ω±1%	SYNTON	0603 Chip Resistors-Thick Film	470 ohm	+/-1%	5000pcs/R
17513	0603-475Ω±1%	SYNTON	0603 Chip Resistors-Thick Film	475 ohm	+/-1%	5000pcs/R
17541	0603-510KΩ±1%	SYNTON	0603 Chip Resistors-Thick Film	510K ohm	+/-1%	5000pcs/R
17540	0603-7.32KΩ±1%	SYNTON	0603 Chip Resistors-Thick Film	7.32K ohm	+/-1%	5000pcs/R



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