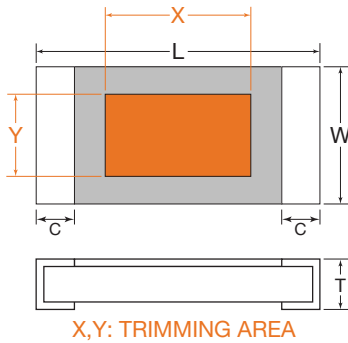


# Trimmable Chip Resistors

**Features** Trimmable Chip Resistors are used when final adjustment of circuits is required. The resistance film and glass passivation have been specifically designed to enhance YAG laser trimming.

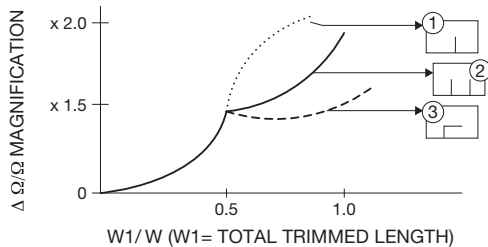
## Dimensions



X,Y: TRIMMING AREA

Unit: mm (inch)

Size	L	W	T	C
0402	1.00 ± 0.05 (0.040 ± 0.002)	0.5 ± 0.02 (0.020 ± 0.001)	0.35 ± .05 (0.014 ± 0.002)	0.17 ± 0.1 (0.007 ± 0.004)
0603	1.6 ± 0.1 (0.063 ± 0.004)	0.8 ± 0.1 (0.031 ± 0.004)	0.45 ± 0.1 (0.018 ± 0.004)	0.30 ± 0.15 (0.012 ± 0.015)
0805	2.00 ± 0.15 (0.079 ± 0.006)	1.25 ± 0.15 (0.049 ± 0.006)	0.50 ± 0.15 (0.020 ± 0.006)	0.40 ± 0.25 (0.016 ± 0.008)
1206	3.20 ± 0.15 (0.126 ± 0.006)	1.60 ± 0.15 (0.063 ± 0.006)	0.60 ± 0.15 (0.024 ± 0.006)	0.45 ± 0.25 (0.018 ± 0.010)
1210	3.2 ± 0.2 (0.126 ± 0.008)	2.6 ± 0.2 (0.102 ± 0.008)	0.50 ± 0.3 (0.024 ± 0.004)	0.5 ± 0.3 (0.020 ± 0.012)
2010	5.0 ± 0.2 (0.197 ± 0.008)	2.50 ± 0.20 (0.098 ± 0.008)	0.6 ± 0.1 (0.024 ± 0.004)	0.5 ± 0.3 (0.020 ± 0.012)
2512	6.3 ± 0.2 (0.248 ± 0.008)	3.1 ± 0.2 (0.122 ± 0.008)	0.60 ± 0.15 (0.024 ± 0.004)	0.5 ± 0.3 (0.020 ± 0.012)

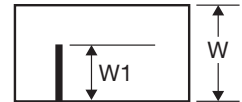


### ① SINGLE CUT    ② DOUBLE CUT    ③ L CUT

Trimming by laser increases the initial resistance. Amount of R is dependent on the laser cut configuration as demonstrated.

W1 must not exceed 1/2 of W to ensure power rating of the unit.

ABILITY TO REACH 2X ORIGINAL R



## Characteristics

Series	Power Rating @ 70°C	TCR (ppm / °C) Max.	Resistance Range	Resistance Tolerance	Working Voltage	Overload Voltage (5 sec. max.)	Operating Temp. Range
TRCR0402	62.5 mW	±200	47Ω ~ 47KΩ	M: (±20%) N: 0 to -30%	50 V	100 V	-55 ~ +125°C
TRCR0603	62.5 mW		10Ω ~ 4.7MΩ		150 V	200 V	
TRCR0805	125 mW (100 mW)	±200 (std. range) +500 ~ -200 (1Ω ~ 9.1Ω)	1Ω ~ 4.7MΩ		200 V	400 V	-55 ~ +150°C
TRCR1206	250 mW (125 mW)						
TRCR1210	330 mW (250 mW)						
TRCR2010	750 mW (500 mW)						
TRCR2512	1000 mW						

## How To Order

**TRCR0805**

—

**XXX**

**M**

**T**

Series

Resistance Value

Resistance Tolerance  
M: ±20%  
N: 0 to -30%

Packaging  
T: Tape

Standard termination finish for this product is 100% matte Tin (Sn)

All components in this section are RoHS compliant per the EU directives and definitions.