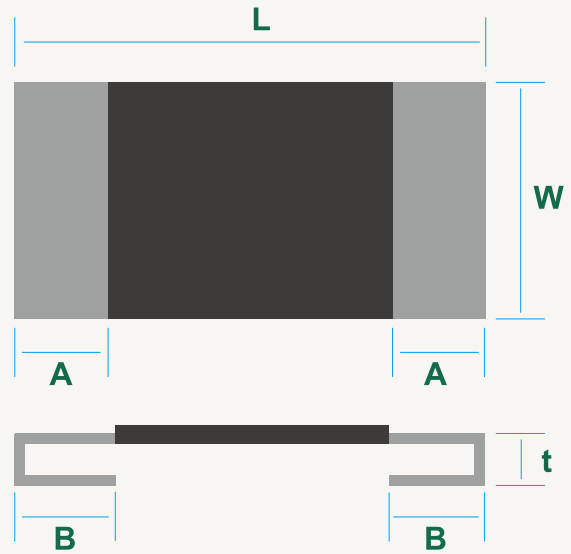


### Features

- ◆ High accuracy resistor for current detection
- ◆ Chip size from 0402 to 2512
- ◆ Resistance Value from 47mΩ to 910mΩ
- ◆ Lead free, RoHS compliant for global applications and halogen free

### Application

- ◆ Portable Electronic Equipment-Mobile phone, NB, Tablet PC, GPS, DSC, HDD
- ◆ Switching power supply, Converter, Inverter
- ◆ Adapter and Chargers
- ◆ Power Module for LED Lighting and Backlights



## Electrical Specification

Series	Power Rating	Resistance Range(mΩ)			Operation Temp. Range	TCR (PPM/°C)	Tolerance
		1%	2%	5%			
WCCS0402	1/16W	50-99 100-499 500-976			-55~+155°C	±800 ±500 ±200	F=+/-1% G=+/-2% J=+/-5%
WCCS0603	1/10W						
WCCS0805	1/8W						
WCCS1206	1/4W					±800 ±200 ±200	
WCCS2010	3/4W						
WCCS2512	1W						

## Dimension

Type	Dimensions (mm)				
	L	W	t	A	B
0402 (1005mm)	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10
0603 (1608mm)	1.55±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.35±0.20
0805 (2012mm)	2.0±0.15	1.25±0.15	0.50±0.10	0.40±0.20	0.35±0.20
1206-S (3216mm)	3.10±0.20	1.55±0.10	0.55±0.10	0.50±0.30	0.40±0.20
1206-L (3216mm)				0.8±0.30	
2010-S (5025mm)	5.00±0.20	2.50±0.20	0.55±0.10	0.60±0.30	0.50±0.25
2010-L (5025mm)				1.6±0.30	
2512-S (6432mm)	6.30±0.20	3.20±0.20	0.55±0.10	0.60±0.30	0.50±0.25
2512-L (6432mm)				1.8±0.30	