

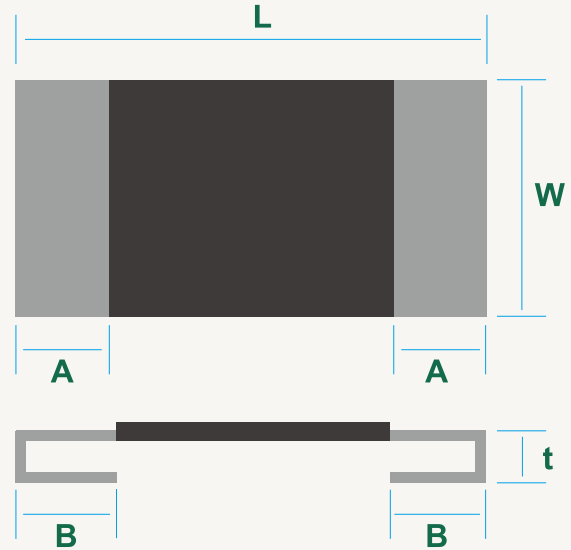


Features

- ◆ High accuracy resistor for current detection
- ◆ Chip size from 0603 to 1206
- ◆ 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%			
WCCSH0603	1/8 W	50-99 mΩ 100-499 mΩ 500-976 mΩ			-55~+155°C	+/- 800	F=+/-1% G=+/-2% J=+/-5%
WCCSH0805	1/4 W					+/- 500	
WCCSH1206	1/2 W					+/- 200	

Dimension

Size	Dimensions (mm)				
	L	W	t	A	B
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	