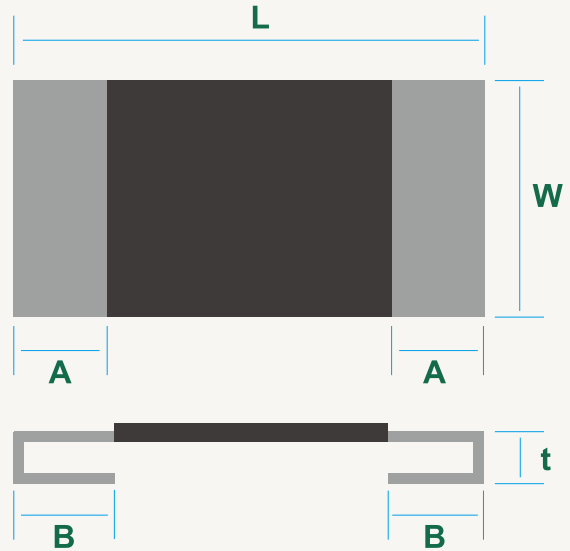


Features

- ◆ Able to withstand high temperature and high current
- ◆ Ultra Low sensing resistance
- ◆ Excellent frequency response
- ◆ Chip size: 0805 to 3720
- ◆ Lead free, RoHS compliant for global applications and halogen free

Application

- ◆ Portable Electronic Equipment-NB, Tablet PC, PC
- ◆ Battery Packs (N/B, Mobile Phone and Automobile)
- ◆ Switching power supply, Converter, Inverter
- ◆ Adapter and Chargers
- ◆ Power Module for LED Lighting and Backlights



Electrical Specification

Series	Power Rating	Resistance Range	Operation Temp. Range	TCR(PPM/°C)	Tolerance
WMCS0805	1/2W	10~30 mΩ	-55~+170°C	± 50	F=+/-1% G=+/-2% J=+/-5%
WMCS1206	1/2W, 1W	5~40 mΩ		± 50	
WMCS2512	1W, 1.5W, 2W	10~200 mΩ		± 50	
		1~9 mΩ		± 100	
WMCS3720	1/2W, 1W	10~30 mΩ		± 50	
		3~9 mΩ		± 100	

Dimension

Size	Dimensions(mm)				
	L	W	t	A	B
0805(2012mm)	2.00 ± 0.15	1.25 ± 0.15	0.65 ± 0.15	0.40 ± 0.20	0.35 ± 0.20
1206(3216mm)	3.10 ± 0.20	1.55 ± 0.10	0.65 ± 0.15	0.50 ± 0.20	0.50 ± 0.20
2512-S(6432mm)	6.30 ± 0.20	3.20 ± 0.15	0.70 ± 0.15	0.90 ± 0.10	0.90 ± 0.25
2512-L(6432mm)			0.70 ± 0.15		2.1 ± 0.25
3720	3.75 ± 0.20	2.10 ± 0.20	0.65 ± 0.15	0.60 ± 0.30	0.60 ± 0.25