

Thin Film High Value & High Power Current Sense

Resistors

Wellcomp CCS & CCSH series provides tight tolerance and high precision range of resistance values. These resistors are typically used in current sense applications and precision circuits, with specific ordering characteristics for size and performance selection.







Photo	Model	Type / Size	Power Rating (W)	Resistance Range (mΩ)		Operation Temp. Range	TCR
				1%	2%		
	CCS0402	SMD 0402	1/16	50~99 100~499 500~976		-55~+155°C	±800 ±500 ±200
	CCSH0603	SMD 0603	0.125				
	CCSH0805	SMD 0805	0.25				
	CCSH1206	SMD 1206	0.5				
	CCSH2512	SMD 2512	2	10~47	-55~+155°C	±300	
				47~200		±200	
				200~910		±100	

Photo	Model	Type / Size	Power Rating (W)	Resistance Range (mΩ)		Operation Temp. Range	TCR
				0.5%	1.0%		
	CCS124T	SMD 1206 4 Terminals	0.5	10		-55~+155°C	±800

Advantage and Feature

- Tight tolerance with wide range of resistance values
- Current Sense
- Customization
- AEC-Q200 Compliant

Applications

- Power supplies for industrial and automotive
- HVDC / SVC valves, large drives, and HEV / EV battery management
- Industrial, and custom applications

Benefits

- Competitive price and Shorter lead time
- Competitive development lead time
- Excellent technical support

