









Metal Strip Current Sense Resistors

Wellcomp MCSE & MCSH 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	AEC-Q200
	MCSH0402	SMD 0402	0.25	$8 < R \leq 20$	-55~+170°C	±200	YES
				$3.0^{New} \leq R \leq 8$		±200	YES
	MCSH0603	SMD 0603	0.5	$10 < R \leq 30$		±75	YES
				$5 \leq R \leq 10$		±100	YES
				$1.0^{New} \leq R < 5$		±100	YES
	MCSE0805	SMD 0805	0.5	$10 < R \leq 30$		±50	YES
				$5 \leq R \leq 10$		±100	YES
				$1.0^{New} \leq R < 4$		±100	YES
	MCSE1206	SMD 1206	0.5/1.0	$10 < R \leq 50$		±50	YES
				$4 \leq R \leq 10$		±75	YES
				$2 \leq R < 4$		±100	YES
	MCS2512	SMD 2512	1.0/1.5/2.0	$10 \leq R \leq 100$		±50	YES
				$2 \leq R < 10$	±100	YES	
	MCSH2512	SMD 2512	3	$1.0^{New} \leq R \leq 30$	±50	YES	
	NEW MCSE2816	SMD 2816	2	$10 < R \leq 330$	±50	YES	
				$3 \leq R \leq 10$	±100	YES	
	NEW MCSE4320	SMD 4320	5	$10 \leq R \leq 20$	±50	YES	

Advantage and Feature

- Extra low value resistance with extra small size
- Low TCR
- Customized resistance
- AEC-Q200 Compliant

Applications

- Battery Management
- Wearable device
- Cell phone battery packs
- Automation equipment
- DC/DC converters in power modules

Benefits

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

