



CAPABILITIES AND CUSTOM OPTIONS

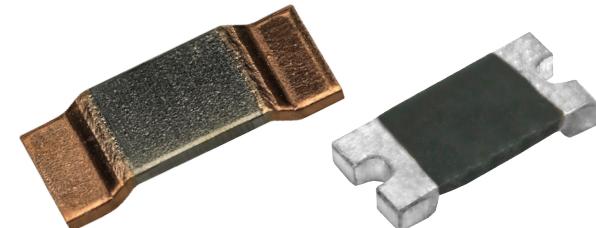
VISHAY SMD CURRENT SENSE AT



Features	Advantage
Low resistance values	Low power dissipation, improved power efficiency
Tight tolerance	More accurate current measurements
Low TCR	Better stability with temperature and applied power
Increased power density	Smaller and lower weight designs
Pulse capability	Robust, fault-tolerant designs

SPECIALTY DEVICES

Solution	Series	
<ul style="list-style-type: none">Surface-mount, very high power (up to 10 W), very low resistance (down to 0.0002 Ω)Case sizes 0603 to 5931	WSLP	
<ul style="list-style-type: none">Surface-mount low resistance value (down to 0.0002 Ω)Wide terminal, 4-terminal, and jumpers	WSL	
<ul style="list-style-type: none">4 terminals for improved measurement accuracy and stabilityCase sizes 0603, 0612, 1206, and 1216	WSK	
<ul style="list-style-type: none">High power (10 W), low inductance (< 5 nH)	WSHM/WSHP	
<ul style="list-style-type: none">Molded Power Metal Strip resistors and jumpers, high power (up to 5 W)Case size 4527	WSR	



CUSTOM OPTIONS

Mechanical (as applicable)

- All external dimensions
- Body material and finish
- Lead material and finish
- Identification of current and potential leads
- Part number and marking
- Unit packaging method and marking
- Unit weight and shipping weight

Electrical (as applicable)

- Resistance values and tolerance
- Alternate specification: voltage output and tolerance for a given current throughout, e.g. $50 \text{ mV} \pm 0.1\% \text{ per ampere}$
- Max. temperature coefficient of resistance
- Max. wattage rating
- Max. reactance
- Max. dielectric withstanding voltage
- Max. current noise
- Max. thermal EMF at the terminals