

Current Sense

FEATURES

- Thin Film
- 2010 Package
- TCR ± 200 PPM / $^{\circ}\text{C}$
- Tolerance 0.5%
- Power rating – 0.75W
- $\Omega = \text{R100}$

RS PRO Chip Resistor

RS Stock No.: 2414951



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Surface Mount Resistor

Product Description

A series of Thin Film surface mount Current sense chip resistors. Packages that include 0603, 0805, 1206, 2010 and 2512 covers power ratings ranging from 0.1W to 3W measured at 70°C Current sense resistors can also be referred to as shunt resistors. The resistors have very low resistance enabling them to minimise power consumption which in turn helps eliminate any risk of component / equipment damaging short circuits. They detect and convert current to a measured output voltage.

Applications that include over current protection for audio, DC DC converters, Voltage regulation modules, charging modules, battery packs and adaptors.

General Specifications

Substrate material	High Purity Alumina
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Mechanical Specifications

Packaging	Plastic Reel / Reel of 4000
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Electrical Specifications

Operating Temp range	-55 to 155°C
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Approvals

Declarations	MFR Declaration of Conformity
Hazardous Area Certification	

Surface Mount Resistor



Standards Met

Similar Products

Stock No.	Brand	Product Name	Ohmic value	Package	Power Rating
2414952	RS PRO	Current sense	R100	2010	0.75W
XXX-XXXX	RS PRO				

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories