

Current Sense

## FEATURES

- Thin Film
- 2512 Package
- TCR  $\pm 100$  PPM / °C
- Tolerance 0.5%
- Power rating - 3W
- $\Omega = R500$

## RS PRO Chip Resistor

RS Stock No.: 2414969



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

<b>Substrate material</b>	High Purity Alumina
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## Mechanical Specifications

<b>Packaging</b>	Plastic Reel / Reel 4000
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## Electrical Specifications

<b>Operating Temp range</b>	-55 to 155°C
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## Approvals

<b>Declarations</b>	MFR Declaration of Conformity
<b>Hazardous Area Certification</b>	

## Surface Mount Resistor



## Standards Met

## Similar Products

Stock No.	Brand	Product Name	Ohmic value	Package	Power Rating
2414970	RS PRO	Current sense	R500	2512	3W
XXX-XXXX	RS PRO				

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories