



Passive Components > Resistors > Surface Mount Resistors > Metal Chip Resistor: Current Sense



Resistance Value: .009 Ω

Resistor Type: **Current Sensing Resistor**

Element Type: **Metal Strip**

Package Size Code: **1206**

Power Rating: **1 W**

[All Metal Chip Resistor: Current Sense \(49\)](#)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Metal Strip
Package Size Code	1206

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Value	.009 Ω
Power Rating	1 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.6 mm[.024 in]
Product Length	3.2 mm[.126 in]

Product Width	1.6 mm[.063 in]
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Usage Conditions

Temperature Coefficient	±50 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TLR2B10DR009FTDG

.009 ohm, Surface Mount Current Sensing Resistor, Metal Strip, 1206, 1 W, 1 %, ±50 ppm/°C, Solder, 2 Terminations, .6 mm [.024 in] Height, CGS TLR



TE Part # CAT-C339-T547B  
Metal Chip Resistor: Current Sense

Also in the Series | CGS TLR

Surface Mount Resistors(41)

Customers Also Bought

TE Part #5788797-1  
09 HTMSFL ASSY RA 318 (SL,BL)

TE Part #2336568-1  
RECEPT ASSY, RA, 168 POS, SLIVER 2.0

TE Part #2313238-1  
VERTRECCASSY, J0/J1A, MULTIGIG RT3

TE Part #5788793-1  
09 HTMSFL PLUG RA 318 (SL,BL)

TE Part #5-1879216-8  
CPF 0402 210K 0.1% 25PPM 1K RL

TE Part #1410336-2  
PIN GUIDE KEYED 9mm PLATED 24-

TE Part #1624094-6  
3613C 1.0UH 10%

TE Part #2176364-4  
RQ 0402 4K99 0.1% 10PPM 5K RL

TE Part #2-1879132-0  
RN 0402 15K 0.1% 10PPM 1K RL

TE Part #7-1879352-8  
RR02 5% 510R AMMO



Documents

Product Drawings

TLR 1206 1.0W R009 1% 50PPM 2K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2176117-0\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176117-0\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176117-0\_BA.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMD Low Ohmic Current Sense Resistors - Type TLR Series

English