



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



Resistor Type: **Current Sensing Resistor**

Element Type: **Foil**

Package Size Code: **1206**

Power Rating: **.5 W**

Resistance Value: **.068 Ω**

[All Metal Chip Resistor: Current Sense \(152\)](#)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Foil
Package Size Code	1206

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.5 W
Resistance Value	.068 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations2

Dimensions

Product Height	.55 mm[.022 in]
Product Length	3.05 mm[.12 in]
Product Width	1.55 mm[.061 in]

Usage Conditions

Temperature Coefficient	± 50 ppm/ $^{\circ}\text{C}$
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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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260 $^{\circ}\text{C}$

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



TE Part # CAT-C339-T547A

Metal Chip Resistor: Current Sense

Also in the Series | CGS TLM

Surface Mount Resistors(152)

Customers Also Bought

TE Part # 3-1827253-6

.5FHP05H,220,S,GIG,08/Sn,HT,NSYes

TE Part # 5650907-5

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,150 P

TE Part # 1825006-8

GDS04STR04=DIP SW,SLIDE,SMT,TR

TE Part # 6469028-1

HM-ZD 2PR RECP 40P

TE Part # 6469025-1

HM-ZD 2PR HDR 40P 2.5MM

TE Part # 1-1437719-8

T01-0550-P04-MALE PLUG CONNECTOR SOLDER

TE Part # 2418206-1

SNG Sheet 300mm sq x 1.6mm

TE Part # 1-1658526-6

609-2641LF FEM SOCKET,LEAD FREE

TE Part # 1487588-1

USB, A-B, 28/24, WHITE, 2.0M

TE Part # 1466294-1

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Documents

Product Drawings

TLM 1206 0.5W R068 1% 50PPM 5K RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-2176156-4_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_3-2176156-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176156-4_BA.3d_igs.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

SMD Current Sense Metal Chip Resistor

English