



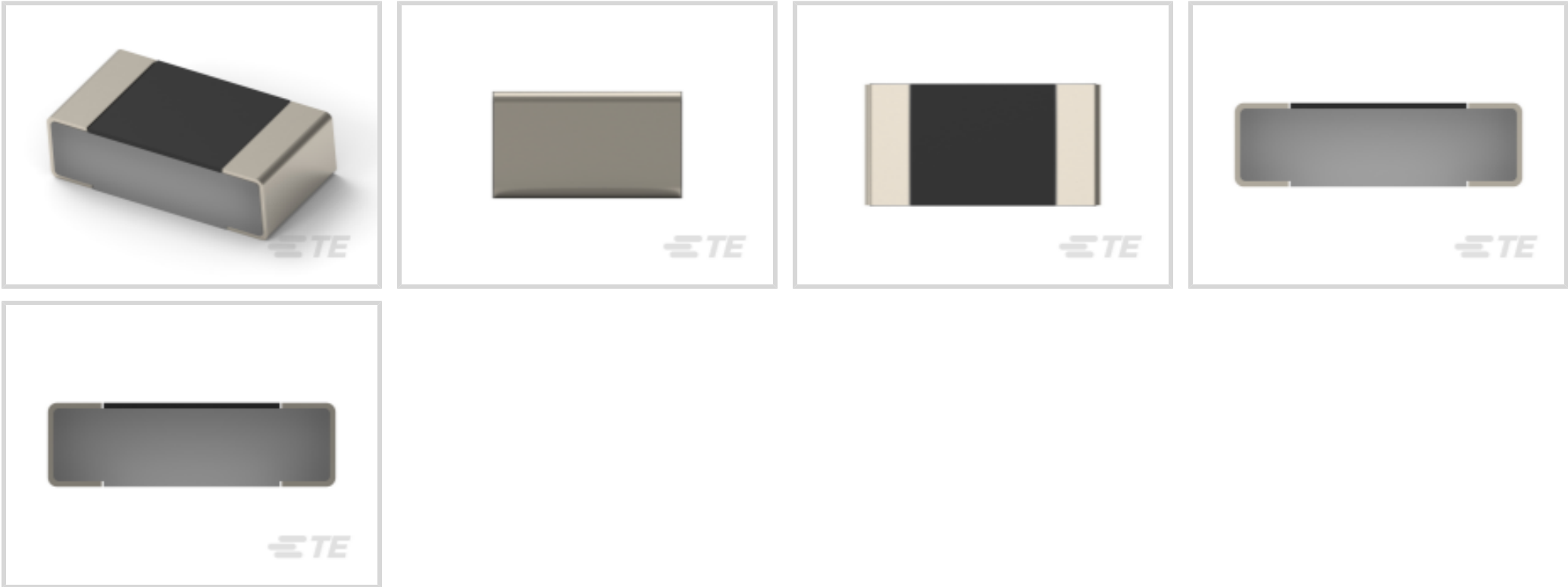
CGS TLRP

TE Internal #: 1-2176467-7

Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 1206, Tape & Reel, 1 %, Metal Strip, Resistance Class Up to 1kΩ, .02 Ω, CGS TLRP

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Current Sensing Resistor**
Number of Terminations: **2**
Package Size Code: **1206**
Packaging Method: **Tape & Reel**
Passive Component Tolerance: **1 %**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	.02 Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	3.1 x 1.55 x .55 mm
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Usage Conditions

Temperature Coefficient	±75 ppm/°C
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Packaging Features

Packaging Method	Tape & Reel
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 1-2176467-6
TLRP 1206 1.0W R015 1% 75PPM 5K RL

TE Part # 1-2176467-8
TLRP 1206 1.0W R025 1% 75PPM 5K RL

Also in the Series | CGS TLRP

Surface Mount Resistors(239)

Customers Also Bought

TE Part #350711-1
06P UMNL PIN HDR ASSY 94V0

TE Part #5-103669-1
02 MTE HDR SRST LATCH W/HLDWN

TE Part #5-103669-2
03 MTE HDR SRST LATCH W/HLDWN

TE Part #1676282-2
RN 0805 2K0 0.1% 10PPM 1KRL

TE Part #1676480-2
CRG0402 1% 100R

TE Part #1676192-2
RN 0805 14K 0.1% 10PPM 1KRL

TE Part #2-1879216-3
CPF 0402 86K6 0.1% 25PPM 1K RL

TE Part #2-2176397-5
3502 10R 1%

TE Part #3-2176337-7
CRGCO 0402 10K 1%

TE Part #4-2176390-7
RQ 1206 3K48 0.1% 10PPM 5K RL



Documents

Product Drawings

TLRP 1206 1.0W R020 1% 75PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176467-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176467-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176467-7_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 TLRP Series

English