TLRP3A30CR100FTE ACTIVE

CGS TLRP

TE Internal #: 4-2176422-2

Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 2512, Tape & Reel, 1 %, Metal Strip, Resistance Class Up to $1k\Omega$, .1

 Ω , 3 W, CGS TLRP

View on TE.com >

TE connectivity

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Current Sensing Resistor

Number of Terminations: 2
Package Size Code: 2512

Packaging Method: Tape & Reel
Passive Component Tolerance: 1%

Surface Mount Resistor Termination Type

Features

Product Type Features

Product Type Features	
Product Type	Fixed Resistor
Resistor Type	Current Sensing Resistor
Package Size Code	2512
Element Type	Metal Strip
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Passive Component Tolerance	1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	.1 Ω
Power Rating	3 W
Termination Features	
Number of Terminations	2

Solder



Dimensions

Passive Component Dimensions	6.4 x 3.2 x .7 mm
Usage Conditions	
Temperature Coefficient	±25 ppm/°C
Packaging Features	
Packaging Method	Tape & Reel

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: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

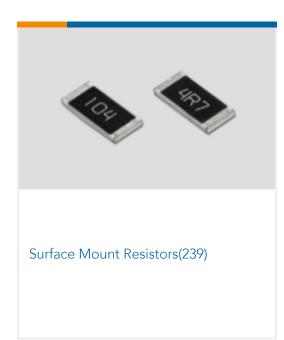
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | CGS TLRP



Customers Also Bought













Documents

Product Drawings

TLRP 2512 3.0W R100 1% 25PPM 4K RL

English

CAD Files

3D PDF

3D

Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 2512, Tape & Reel, 1 %, Metal Strip, Resistance Class Up to $1k\Omega$, .1 Ω , 3 W, CGS TLRP



Customer View Model

ENG_CVM_CVM_4-2176422-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2176422-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2176422-2_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

SMD Low Ohmic Current Sense Resistors - Type TLRP Series

English