TLR2B10DR002FTDG ✔ ACTIVE

CGS | CGS TLR

TE Internal #: 2176117-4

Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 1206, Taped & Reeled, 1 %, Metal Strip, Resistance Class Up to 1kΩ, .002 Ω, CGS TLR

View on TE.com >

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



Resistor Type: **Current Sensing Resistor**

Number of Terminations: **2**

Package Size Code: **1206**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

All Metal Chip Resistor: Current Sense (49)

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

Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	.002 Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	3.2 x 1.6 x .6 mm

Usage Conditions

Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

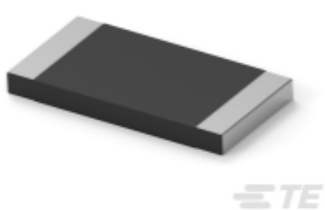
For compliance documentation, visit the product page on TE.com>

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: JUNE 2022 (224) 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



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



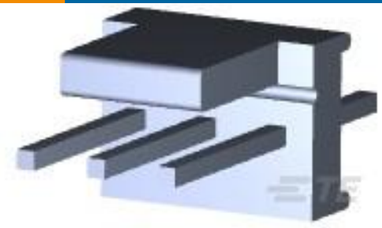
TE Part # 2176117-2
TLR 1206 1.0W R010 1% 50PPM 2K RL

Also in the Series | CGS TLR



Surface Mount Resistors(49)

Customers Also Bought



TE Part #640454-3
03P MTA100 HDR ASSY SQ STR POL



TE Part #4-1879378-1
TLR 2512 2.0W R0025 1% 150PPM 2K RL



TE Part #1410189-3
MULTIGIG RT T2 7RW H-LFT,ET2



TE Part #1571983-5
GDH04STR04=DIP SWITCH



TE Part #1622829-2
CRG0603 1% 10K 10K RL



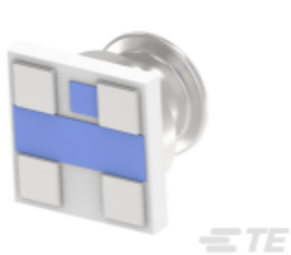
TE Part #3-1625885-4
1W SM M/OX 5% 1K5



TE Part #2307813-4
4P,2MM,BB,REC,SRVT,SMD,0.1AU,TR, W/CP



TE Part #3-2176339-5
CRGCQ 0603 6K8 1%



TE Part #MS583730BA01-50
MS5837-30BA01 30BA T&R PRESSURE SEN



TE Part #1546306-8
8P .374" DR BARRIER STRIP

Documents

Product Drawings

TLR 1206 1.0W R002 1% 50PPM 2K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176117-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176117-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176117-4_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

Product Environmental Compliance

TE Material Declaration

English