TLR2B10DR004FTDG ✔ ACTIVE

CGS | CGS TLR

TE Internal #: 2176117-6

Current Sensing Resistor, Metal Strip, 1206, 1 W, .004 ohm, 1 %, ±50 ppm/°C, Solder, 2 Termination, Height .6 mm [.024 in], CGS TLR

View on TE.com >

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



Resistor Type: **Current Sensing Resistor**

Element Type: **Metal Strip**

Package Size Code: **1206**

Power Rating: **1 W**

Resistance Value: **.004 Ω**

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

Electrical Characteristics

Power Rating	1 W
Resistance Value	.004 Ω
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]

Usage Conditions

Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

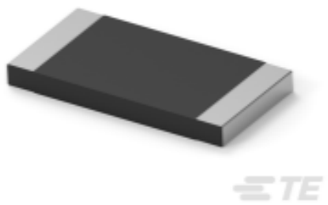
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

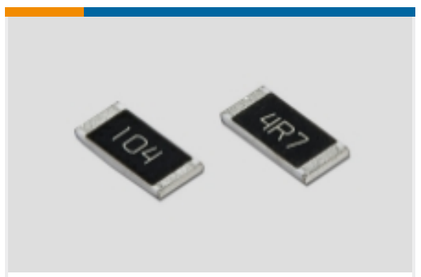
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | CGS TLR



Surface Mount Resistors(41)

Customers Also Bought



TE Part #2176117-8
TLR 1206 1.0W R007 1% 50PPM 2K RL



TE Part #1623929-4
CFR200 5% 10R



TE Part #1571999-6
ADP0404=PIANO DIP SWITCH



TE Part #1-2176083-0
EP 5W (S) 330R 5%



TE Part #ANT-868-PW-QW-UFL
Antenna 1/4 Wave Whip 868MHz 1.32 UFL



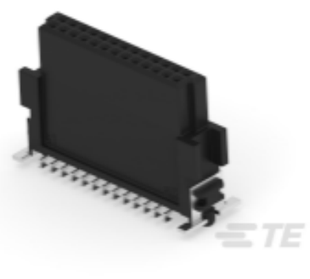
TE Part #8-2176306-4
RP 1E 0.1W 8K45 0.1% 25PPM 5K RL



TE Part #5677582005
RNF-3000-9/3-0-STK



TE Part #1-1337583-0
MCX R/A SMT Skt 50Ohm Gold Pltd



TE Part #204763-E
SMCB 26 F AB VV 7-23 CL * H007 137 E002

Documents

Product Drawings

TLR 1206 1.0W R004 1% 50PPM 2K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176117-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176117-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176117-6_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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SMW73R0JT U5254-000005-030PA 936348-1 141991-2 1969656-1 2377783-2 2834055-1 SBCHE64R7K
RH73H2A40MKTN ROX05SJ18R 650075-000 917696-1 2310537-1 3-1393225-0 CPF0402B37K4E1
1743455-2 3430B2F51RTDF TE50BR39J 1-794222-0 1-962915-1 1903112-2 2-292161-3 2005330-1
2380312-2 3631B101LL 1393431-1 175977-2 CRGCQ2010J3K3 MPT100C18RF SBCHE154R7K