# TLR2B10DR009FTDG ACTIVE

## CGS | CGS TLR

TE Internal #: 1-2176117-0

.009 ohm, Surface Mount Current Sensing Resistor, Metal Strip, 1206, 1 W, 1 %, ±50 ppm/°C, Solder, 2 Terminations, .6 mm [.024 in]

Height, CGS TLR

View on TE.com >



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



Resistance Value:  $.009 \Omega$ 

Resistor Type: Current Sensing Resistor

Element Type: Metal Strip
Package Size Code: 1206

Power Rating: 1W

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	

## Electrical Characteristics

Number of Resistors

Resistance Value	.009 Ω
Power Rating	1 W
Resistance Class	Up to $1k\Omega$
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

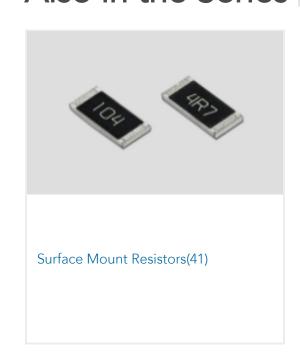
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





## Also in the Series | CGS TLR



## Customers Also Bought





RECEPT ASSY, RA, 168 POS, SLIVER

2.0



















## **Documents**

## **Product Drawings**

TLR 1206 1.0W R009 1% 50PPM 2K RL

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176117-0\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176117-0\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176117-0\_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