



CGS | CGS TL

TE Internal #: 1625826-5

TE Internal Description: TL2B R033 1%

Metal Chip Resistor: Current Sense

[View on TE.com >](#)

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



Resistance Value: .033 Ω

Resistor Type: **Low Ohmic Resistor**

Element Type: **Metal Strip**

Package Size Code: **1206**

Power Rating: .25 W

[All Metal Chip Resistor: Current Sense \(0\)](#)

## Features

### Electrical Characteristics

Resistance Value	.033 Ω
Power Rating	.25 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

### Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Metal Strip
Package Size Code	1206

### Configuration Features

Number of Resistors	1
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### Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

### Usage Conditions

Temperature Coefficient	±75 ppm/°C
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### Packaging Features

Packaging Method	Taped & Reeled
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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>

Also in the Series | CGS TL



Hand Crimping Tools(4)

## Customers Also Bought



TE Part #1623465-1  
CRG1206 1% 240R



TE Part #CAT-C339-R529A  
Thick Film Resistor: Current Sense



TE Part #805M1-0020-01  
805M1-0020-01 TO-5 Accelerometer



TE Part #1053396-1  
2064 8001 90



TE Part #2301997-4  
RJ45 JACK INT.MAG. 1GB 2X1



TE Part #9-1622826-8  
CRG0402 1% 91R



TE Part #9-2176305-8  
RP 1E 0.1W 1K1 0.1% 25PPM 5K RL



TE Part #3-1623929-0  
CFR200 5% 33K



TE Part #2176215-4  
CPF A 0402 499R 0.1% 25PPM 1K RL

## Documents

### Product Drawings

[TL2B R033 1%](#)

English

### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[SMD Low Ohmic - Current Sense Resistors - Type TL Series](#)

English