



CGS | CGS TL

TE Internal #: 4-1625826-2

CGS TL, Surface Mount Resistors, Low Ohmic Resistor, 2 Termination, 1206, Taped & Reeled, 1 %, Foil, Resistance Class Up to 1kΩ, .018 Ω, .25 W

[View on TE.com >](#)

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



Resistor Type: **Low Ohmic Resistor**

Number of Terminations: **2**

Package Size Code: **1206**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

[All Metal Chip Resistor: Current Sense \(56\)](#)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Low Ohmic Resistor
Package Size Code	1206
Element Type	Foil

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	.018 Ω
Power Rating	.25 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
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Usage Conditions

Temperature Coefficient	±75 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 TL



Portable Crimp Tools(4)



Surface Mount Resistors(56)

Customers Also Bought



TE Part #1623730-2
Wirewound Resistor: Vertical Mount



TE Part #1-2308345-1
D-SUB BACKSHELL SIZE 4



TE Part #1623475-1
CRG1206 1% 2K2



TE Part #1614885-2
CPF0805 100R 0.1% 25PPM 5K RL



TE Part #1623459-1
CRG1206 1% 220K



TE Part #1623518-1
CRG1206 1% 47K



TE Part #1622735-1
LR2 1% 33R



TE Part #1-1478763-5
METAL BACKSHELL 15 WAY 45 DE



TE Part #ZPF00000000013839
DBAS 78-61-948 SN

Documents

Product Drawings

[TL2B R018 1% 4K RL](#)

English

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English



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

English