



CGS | CGS RLP73

TE Internal #: 2176050-8

.1 Ω , Thick Film, Low Ohmic Resistor, 5 %, 2 Termination, 0402, Taped & Reeled, .125 W, ± 300 ppm/ $^{\circ}\text{C}$, Solder, Height .013 in [.32 mm], CGS RLP73

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Passive Components > Resistors > Surface Mount Resistors > Thick Film Resistor: Current Sense



Resistor Type: **Low Ohmic Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

[All Thick Film Resistor: Current Sense \(177\)](#)

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Package Size Code	0402
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1k Ω
Resistance Value	.1 Ω
Power Rating	.125 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.32 mm[.013 in]
Product Length	1 mm[.039 in]



Product Width	.5 mm[.02 in]
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Usage Conditions

Temperature Coefficient	±300 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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	Not reviewed for solder process capability

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-R529A
Thick Film Resistor: Current Sense

TE Part # CAT-C339-R529C
Thick Film Resistor: Current Sense

TE Part # 2176050-2
RLP73M 1E R056 5% 5K RL

TE Part # 3-2176049-3
RLP73K 1E 1R0 1% 5K RL

TE Part # 3-2176049-4
RLP73K 1E R56 1% 5K RL

Also in the Series | CGS RLP73

Surface Mount Resistors(401)

Customers Also Bought

TE Part #640454-5
05P MTA100 HDR ASSY SQ STR POL

TE Part #1462051-2
HF353=50OHM140MW 5V MONO

TE Part #1-2176050-2
RLP73N 1E R15 5% 5K RL

TE Part #5-1579007-0
TUBE

TE Part #1676205-2
RN 0805 16K9 0.1% 10PPM 1KRL

TE Part #1676395-2
RN 0805 619R 0.1% 10PPM 1KRL

TE Part #1986469-3
TSB2000K03DSHT=EUROPA BL,14.5M

TE Part #3-2176412-9
5W XSM M/OX 5% 200R



Documents

Product Drawings

[RLP73N 1E R10 5% 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2176050-8_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176050-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176050-8_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 RL73 Series](#)

English