



CGS | CGS RLP73

TE Internal #: 4-2176057-1

.47 Ω, Thick Film, Current Sensing Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ±200 ppm/°C, Solder, Height .029 in [.74 mm], CGS RLP73

[View on TE.com >](#)

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



Resistor Type: **Current Sensing Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

[All Thick Film Resistor: Current Sense \(214\)](#)

## Features

### Product Type Features

Resistor Type	Current Sensing Resistor
Package Size Code	2512
Element Type	Thick Film

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	.47 Ω
Power Rating	2 W

### Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

### Dimensions

Product Height	.74 mm[.029 in]
Product Length	6.35 mm[.25 in]



Product Width	3.15 mm[.124 in]
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**Usage Conditions**

Temperature Coefficient	±200 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	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-R529A  
Thick Film Resistor: Current Sense



TE Part # 2176050-8  
RLP73N 1E R10 5% 5K RL

### Also in the Series | CGS RLP73



Surface Mount Resistors(401)

### Customers Also Bought



TE Part #1-338315-2  
25P.HDP20 REC.ASSY



TE Part #3-2176057-3  
RLP73K 3A R22 1% 1K RL



TE Part #1735284-5  
SATA BACKPLANE RECEPTACLE,  
VERTICAL, SMT



TE Part #3-2176237-2  
CPF A 0603 2K2 0.1% 25PPM 5K RL



TE Part #5-2176237-6  
CPF A 0603 56K 0.1% 25PPM 5K RL



TE Part #G-NICO-018  
0.1 DEG C ACCURACY QFN TEMP  
SENSOR



TE Part #1-1969614-0  
10P RCPT VAL-U-LOK V0



TE Part #1-726386-2  
250 FASTON,TAB,TPBR



TE Part #3-2176455-7  
CPF 0402 261K 0.1% 25ppm 1K RL



## Documents

### Product Drawings

[RLP73K 3A R47 1% 1K RL](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176057-1\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176057-1\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176057-1\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[SMD Low Ohmic Current Sense Resistors - Type RL73 Series](#)

English