

CGS | CGS RLP73

TE Internal #: 4-2176058-6

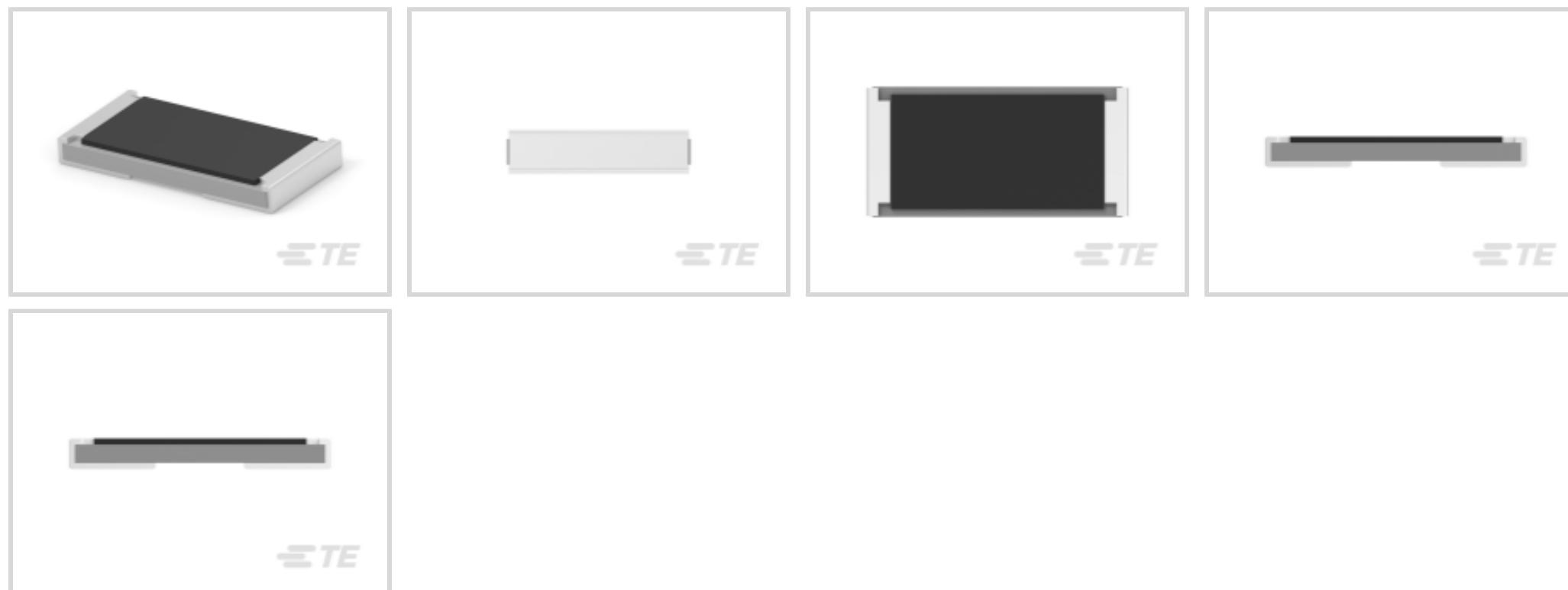
.75 ohm, Surface Mount Current Sensing Resistor, Thick Film, 2512,

2 W, 5 %,  $\pm 200$  ppm/ $^{\circ}$ C, Solder, 2 Terminations, .74 mm [.029 in]

Height, CGS RLP73

[View on TE.com >](#)

Passive Components &gt; Resistors &gt; Surface Mount Resistors &gt; Thick Film Resistor: Current Sense

Resistor Type: **Current Sensing Resistor**Element Type: **Thick Film**Package Size Code: **2512**Power Rating: **2 W**Resistance Value: **.75  $\Omega$** [All Thick Film Resistor: Current Sense \(142\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Power Rating	2 W
Resistance Value	.75 $\Omega$
Resistance Class	Up to 1k $\Omega$
Passive Component Tolerance	5 %

### Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations

2

**Dimensions**

Product Height .74 mm [.029 in]

Product Length 6.35 mm [.25 in]

Product Width 3.15 mm [.124 in]

**Usage Conditions**

Temperature Coefficient ±200 ppm/°C

**Packaging Features**

Packaging Method Taped &amp; Reeled

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2025 (247)

Candidate List Declared Against: JUNE 2023 (235)

Does not contain REACH SVHC

Halogen Content Low Halogen - Br, Cl, F, I &lt; 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**

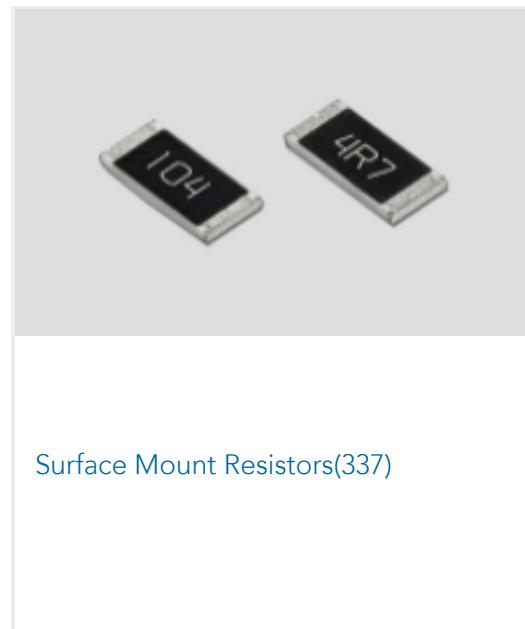


TE Part # 2176050-8  
RLP73N 1E R10 5% 5K RL



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

## Also in the Series | CGS RLP73



Surface Mount Resistors(337)

## Customers Also Bought



TE Part #282845-3  
TERM-BLOK,PCB MNT,90DG,3P,7.62



TE Part #344108-1  
36 WAY HEADER WIRE TO BD.FOR E



TE Part #6-1622825-1  
RL73K 2A R47 5% 5K RL



TE Part #1623774-4  
C14 22R 5% (LOOSE)



TE Part #1703034-1  
SENSOR CONTACT 2,8



TE Part #9-1879275-7  
RP 2A 5K49 0.1% 15PPM CUT LENGTH



TE Part #2177367-3  
20POS,TAB 0.5X0.4,HEADER ASSY, CODA



TE Part #CAT-SU763-H342  
SUPERSEAL 1.0 Connector Headers



TE Part #726535-000  
B-106-7401

## Documents

### Product Drawings

[RLP73K 3A R75 5% 2K RL](#)

English

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### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2176058-6\\_BA.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2176058-6\\_BA.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_4-2176058-6\\_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