

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 \(796\)](#)

## 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 1k $\Omega$
Resistance Value	.15 $\Omega$
Power Rating	1 W

### Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

### Dimensions

Product Height	.6 mm[.024 in]
Product Length	6.35 mm[.25 in]

Product Width

3.1 mm [.122 in]

**Usage Conditions**

Temperature Coefficient

±100 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: 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**

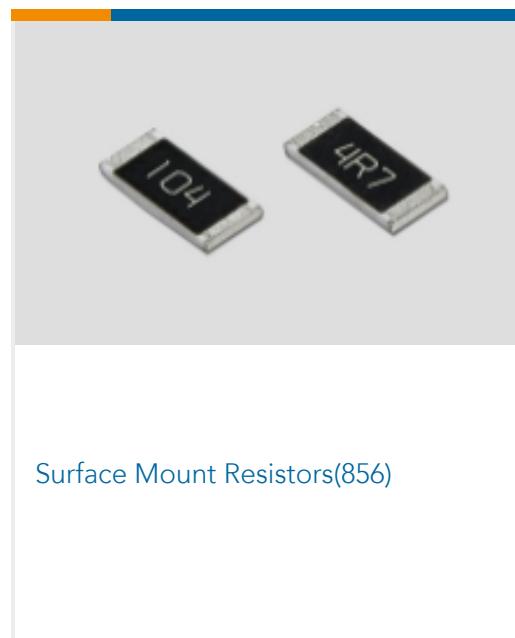


TE Part # CAT-C339-R529  
Thick Film Resistor: Current Sense



TE Part # 6-1622824-1  
RL73N 1J R10 5% 5K RL

## Also in the Series | CGS RL73



Surface Mount Resistors(856)

## Customers Also Bought



TE Part #5787082-7  
68 50SR R/A RCPT ASSY,RDSN L/F



TE Part #280372-1  
6P AMPMODU II SHRD HDR, ST, TIN



TE Part #280373-1  
8P AMPMODU II SHRD HDR, ST, TIN



TE Part #1734366-1  
Std USB Type A, VT, T/H



TE Part #280384-1  
2X4P AMPMODU II SHRD HDR, ST, TIN



TE Part #292303-1  
Std USB Type A, R/A, T/H



TE Part #350431-1  
06P UMNL PIN HDR ASSY V2 NAT



TE Part #1825360-3  
ADE04A04=4POS DIP SWITCH



TE Part #4-2176381-2  
RQ 0805 33K2 0.1% 10PPM 5K RL

## Documents

### Product Drawings

#### RL73H 3A R15 1% 4K RL

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_3-1622824-3\\_BA.2d\\_dxf.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_3-1622824-3\\_BA.3d\\_igs.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_3-1622824-3\\_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

#### Standard Tantalum Capacitors - Type TYTS Series - Tyco Electronics Passives

English