



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



Resistor Type: **Current Sensing Resistor**
Number of Terminations: **2**
Package Size Code: **0402**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **5 %**

[All Thick Film Resistor: Current Sense \(44\)](#)

Features

Product Type Features

Resistor Type	Current Sensing 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 1kΩ
Resistance Value	.39 Ω
Power Rating	.0625 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	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

RL73N1ER39JTD

.39 Ω , Thick Film, Current Sensing Resistor, 5 %, 2 Termination, 0402, Taped & Reeled, .0625 W, ± 300 ppm/ $^{\circ}\text{C}$, Solder, Height .013 in [.32 mm], CGS RL73



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 #640454-6
PCB Header: Polyester, Vertical, 2.54 mm

TE Part #2-1462039-7
IM22GR=IM RELAY 50mW 4.5V

TE Part #1-2176057-8
RLP73N 3A R051 1% 1K RL

TE Part #1879378-9
TLR 2512 2.0W R001 1% 50PPM 2K RL

TE Part #T4040014041-000
M8.MLE.PNLREAR.4POS.STR PCB

TE Part #1-770875-0
06P MINI UMNL HDR ASSY SN

TE Part #84952-7
1MM FPC HORZ.BTTM CONT.ASS.7P

TE Part #2-2176308-2
RP 1E 0.1W 221K 0.1% 25PPM 5K RL

TE Part #6-2176307-3
RP 1E 0.1W 54K9 0.1% 25PPM 5K RL



Documents

Product Drawings

RL73N 1E R39 5% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1622824-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-6_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English

Standard Tantalum Capacitors - Type TYTS Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English