



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



Resistor Type: **Current Sensing Resistor**
Number of Terminations: **2**
Package Size Code: **1206**
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	1206
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 Ω
Resistance Value	.027 Ω
Power Rating	.5 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	3.1 x 1.55 x .55 mm
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Usage Conditions

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Temperature Coefficient	±400 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	Not Compliant
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

TE Part # 5-2176055-0
RLP73K 2B R62 1% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(401)

Customers Also Bought



TE Part #8-338069-8
MICRO-MATCH SMD FTE



TE Part #2176117-8
TLR 1206 1.0W R007 1% 50PPM 2K RL



TE Part #1-2834016-6
6POS 2.54MM SES CONN.



TE Part #1825910-2
FSM2JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1-2176091-6
RP 2A 0.25W 82R5 0.1% 25PPM 1K RL



TE Part #4-2176339-4
CRGCQ 0603 39K 1%



TE Part #3-2176307-2
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



TE Part #2-84534-6
1.25MM FFC POST PLATED V 26P



TE Part #6-2176360-5
RQ 0402 2K0 0.1% 10PPM 1K RL

Documents

Product Drawings
RLP73M 2B R027 1% 1K RL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2176055-1_BA.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-2176055-1_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176055-1_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

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English