



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
---------------------	---

Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1k Ω
Resistance Value	.016 Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	6.35 x 3.15 x .74 mm
------------------------------	----------------------

Usage Conditions

Temperature Coefficient

±600 ppm/°C

Packaging Features

Packaging Method

Taped & Reeled

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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in
other sources.

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



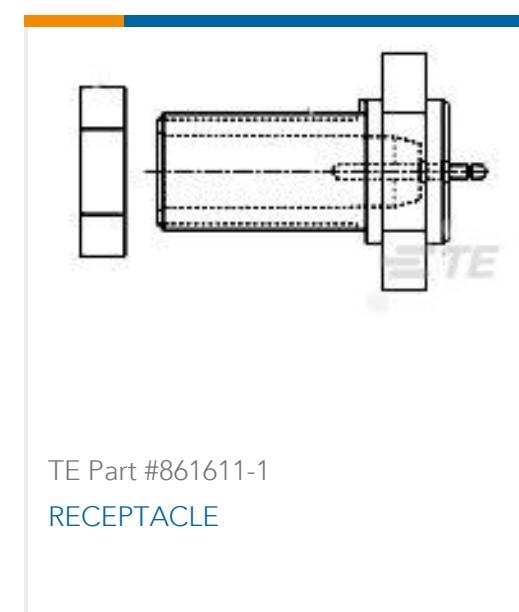
TE Part # 2176050-8
RLP73N 1E R10 5% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(401)

Customers Also Bought

TE Part #2176058-6
RLP73V 3A R016 5% 2K RLTE Part #2176057-3
RLP73V 3A R012 1% 1K RLTE Part #1-1879075-1
THS25 R68 5%TE Part #861611-1
RECEPTACLETE Part #103673-3
04 MTE HDR SRRA LATCH W/HLDWNTE Part #1-640445-6
16P MTA156 HDR ASSY FL/STR SNTE Part #9-2176406-2
3560 6K2 1%TE Part #1-1437558-1
MTA106DPC=(MSTA) SW TOG P/C TETE Part #1-2176526-7
3503G 2B 75R 1% 5K RLTE Part #4-2176421-8
TLRP 2512 2.0W R009 1% 50PPM 4K RL

Documents

Product Drawings

[RLP73V 3A R016 1% 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2176057-6_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176057-6_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176057-6_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Product Environmental Compliance

[TE Material Declaration](#)

English