



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



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

[All Thick Film Resistor: Current Sense \(112\)](#)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Low Ohmic 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 1k Ω
Resistance Value	.1 Ω
Power Rating	.125 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	1 x .5 x .2 mm
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Usage Conditions

Temperature Coefficient	± 300 ppm/ $^{\circ}\text{C}$
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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	Not reviewed for solder process capability

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 # CAT-C339-R529C
Thick Film Resistor: Current Sense

TE Part # 2176050-2
RLP73M 1E R056 5% 5K RL

TE Part # 2176058-6
RLP73V 3A R016 5% 2K RL

RLP73N1ER10JTD

.1 Ω , Thick Film, Low Ohmic Resistor, 5 %, 2 Termination, 0402, Taped & Reeled, .125 W, ± 300 ppm/ $^{\circ}$ C, Solder, 1 x .5 x .2 mm, CGS RLP73



 TE Part # 2-2176056-9 RLP73K 2B R15 5% 5K RL	 TE Part # 2-2176050-9 RLP73K 1E R75 5% 5K RL	 TE Part # 3-2176050-0 RLP73K 1E R82 5% 5K RL	 TE Part # 2-2176052-9 RLP73K 1J R75 5% 5K RL
 TE Part # 2-2176054-5 RLP73K 2A R51 5% 5K RL	 TE Part # 2-2176054-6 RLP73K 2A R56 5% 5K RL	 TE Part # 2-2176054-7 RLP73K 2A R62 5% 5K RL	 TE Part # 2-2176054-8 RLP73K 2A R68 5% 5K RL
 TE Part # 2-2176054-9 RLP73K 2A R75 5% 5K RL	 TE Part # 3-2176054-0 RLP73K 2A R82 5% 5K RL	 TE Part # 2-2176056-5 RLP73K 2B R10 5% 5K RL	 TE Part # 2-2176056-7 RLP73K 2B R12 5% 5K RL
 TE Part # 2-2176056-8 RLP73K 2B R13 5% 5K RL	 TE Part # 3-2176056-0 RLP73K 2B R16 5% 5K RL	 TE Part # 3-2176056-1 RLP73K 2B R18 5% 5K RL	 TE Part # 3-2176056-3 RLP73K 2B R22 5% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(401)

Customers Also Bought



TE Part #6-1393788-8
V23079E1201B301

TE Part #4-1676966-7
SMW2 8R2 5%

TE Part #9-146256-0
80 MODII HDR DRST B/A .100CL LF

TE Part #215297-6
6P HV100 REC CON. TE, 7.0MM

TE Part #5520251-4
MJ,R/A,8P,PNL STOPS

TE Part #2118723-2
STD SHIELD COVER, CRS-37.33X34.18X2.00MM

TE Part #4-2176337-2
CRGCQ 0402 27K 1%

TE Part #1-1879353-0
RR02 5% 10K AMMO

TE Part #2102995-1
D-SUB QUADRAX VERTICAL RECEPTACLE

TE Part #1-1393277-8
V23076A3022C132

Documents

Product Drawings
RLP73N 1E R10 5% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176050-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176050-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176050-8_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

English

Product Compliance

English