



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



Resistor Type: **Low Ohmic Resistor**

Element Type: **Thick Film**

Package Size Code: **0402**

Power Rating: **.125 W**

Resistance Value: **.1 Ω**

[All Thick Film Resistor: Current Sense \(154\)](#)

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Thick Film
Package Size Code	0402

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.125 W
Resistance Value	.1 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.32 mm[.013 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 in]



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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2-2176056-9
RLP73K 2B R15 5% 5K RL

RLP73N1ER10JTD

Low Ohmic Resistor, Thick Film, 0402, .125 W, .1 ohm, 5 %, ±300 ppm/°C, Solder, 2 Termination, Height .32 mm [.013 in], CGS RLP73



 TE Part # 3-2176050-1 RLP73K 1E R91 5% 5K RL	 TE Part # 2-2176056-5 RLP73K 2B R10 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 # 3-2176056-3 RLP73K 2B R22 5% 5K RL	 TE Part # 3-2176056-4 RLP73K 2B R24 5% 5K RL	 TE Part # 3-2176056-8 RLP73K 2B R36 5% 5K RL	 TE Part # 4-2176056-2 RLP73K 2B R51 5% 5K RL
 TE Part # 1-2176056-4 RLP73M 2B R036 5% 5K RL	 TE Part # 1-2176050-4 RLP73N 1E R18 5% 5K RL	 TE Part # 1-2176050-6 RLP73N 1E R22 5% 5K RL	 TE Part # 2-2176050-0 RLP73N 1E R33 5% 5K RL
 TE Part # 2176052-8 RLP73N 1J R10 5% 5K RL	 TE Part # 2-2176056-2 RLP73N 2B R075 5% 5K RL	 TE Part # 2176052-7 RLP73M 1J R091 5% 5K RL	 TE Part # 1-2176056-1 RLP73M 2B R027 5% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(401)

Customers Also Bought

RLP73N1ER10JTD

Low Ohmic Resistor, Thick Film, 0402, .125 W, .1 ohm, 5 %, ±300 ppm/°C, Solder, 2 Termination, Height .32 mm [.013 in], CGS RLP73



TE Part #HPP845E131R5
HTU21DF RH/T SENSOR IC B5000

TE Part #1462051-2
HF353=50OHM140MW 5V MONO

TE Part #1-2176050-2
RLP73N 1E R15 5% 5K RL

TE Part #5055558-3
10 PWR TAP CONT PLTD STD .100

TE Part #1676205-2
RN 0805 16K9 0.1% 10PPM 1KRL

TE Part #1676395-2
RN 0805 619R 0.1% 10PPM 1KRL

TE Part #2-1586017-4
24P FH PLUG VAL-U-LOK V0

TE Part #LICAL-DEC-MS001
DECODER MS IC CHIP RC
PROTOCOL T&R

TE Part #RXM-418-LR
Module LR 418MHz AM OOK RX RCVR

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

RLP73N1ER10JTD

Low Ohmic Resistor, Thick Film, 0402, .125 W, .1 ohm, 5 %, ± 300 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .32 mm [.013 in], CGS RLP73



SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English