



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



Resistor Type: **Low Ohmic Resistor**  
Number of Terminations: **2**  
Package Size Code: **0805**  
Packaging Method: **Taped & Reeled**  
Passive Component Tolerance: **1 %**

[All Thick Film Resistor: Current Sense \(214\)](#)

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Product Type      | Fixed Resistor     |
| Resistor Type     | Low Ohmic Resistor |
| Package Size Code | 0805               |
| Element Type      | Thick Film         |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Passive Component Tolerance | 1 %               |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | .075 $\Omega$     |
| Power Rating                | .25 W             |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Number of Terminations                  | 2      |
| Surface Mount Resistor Termination Type | Solder |

Dimensions

|                              |                  |
|------------------------------|------------------|
| Passive Component Dimensions | 2 x 1.25 x .4 mm |
|------------------------------|------------------|

Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±400 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

Also in the Series

CGS RLP73

Surface Mount Resistors(401)

Customers Also Bought

TE Part #413990-1  
STR JACK, SMB, PCB

TE Part #1734035-2  
MINI USB, TYPE B, R/A, SMT

TE Part #5-535541-1  
03 MODIV VRT SR CE 100/115

TE Part #3-2213766-3  
AV19 SPL 3A POWER LED GREEN 12V

TE Part #3-2213766-5  
AV19 SPL 5A POWER LED GREEN 24V

TE Part #5103308-1  
A/L LOW PRO HDR 10P VERT BLACK

TE Part #1-1649328-3  
RT314012

TE Part #2041119-1  
mSATA/mini PCI-E 4H Type I G/F

Documents

Product Drawings

RLP73M 2A R075 1% 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2176053-5\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2176053-5\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2176053-5\_BA.3d\_stp.zip

RLP73M2AR075FTDF

.075  $\Omega$ , Thick Film, Low Ohmic Resistor, 1 %, 2 Termination, 0805, Taped & Reeled, .  
25 W,  $\pm 400$  ppm/ $^{\circ}\text{C}$ , Solder, 2 x 1.25 x .4 mm, CGS RLP73



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