

RLP73K1JR51FTDF

✓ ACTIVE

CGS | CGS RLP73

TE Internal #: 2-2176051-5

Surface Mount Resistors, Low Ohmic Resistor, 2 Termination, 0603,  
Taped & Reeled, 1 %, Thick Film, Resistance Class Up to 1kΩ, .51 Ω,  
CGS RLP73

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



Resistor Type: **Low Ohmic Resistor**

Number of Terminations: **2**

Package Size Code: **0603**

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 | 0603               |
| Element Type      | Thick Film         |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Passive Component Tolerance | 1 %       |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | .51 Ω     |
| Power Rating                | .125 W    |

Termination Features

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

Dimensions

|                              |                  |
|------------------------------|------------------|
| Passive Component Dimensions | 1.6 x .8 x .3 mm |
|------------------------------|------------------|



Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±200 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                                                                                                                      |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                      |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUL 2021 (219)<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 # CAT-C339-R529C  
Thick Film Resistor: Current Sense

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

TE Part # 2-2176052-5  
RLP73K 1J R51 5% 5K RL

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|                                                                                                                                             |                                                                                                                                              |                                                                                                                                                |                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2-2176052-6<br/>RLP73K 1J R56 5% 5K RL</p>   |  <p>TE Part # 4-2176056-8<br/>RLP73K 2B R91 5% 5K RL</p>    |  <p>TE Part # 1-2176056-2<br/>RLP73M 2B R030 5% 5K RL</p>   |  <p>TE Part # 1-2176056-6<br/>RLP73M 2B R043 5% 5K RL</p>  |
|  <p>TE Part # 2176054-9<br/>RLP73N 2A R11 5% 5K RL</p>     |  <p>TE Part # 1-2176054-7<br/>RLP73N 2A R24 5% 5K RL</p>    |  <p>TE Part # 1-2176054-8<br/>RLP73N 2A R27 5% 5K RL</p>    |  <p>TE Part # 2-2176056-2<br/>RLP73N 2B R075 5% 5K RL</p>  |
|  <p>TE Part # 2-2176052-7<br/>RLP73K 1J R62 5% 5K RL</p> |  <p>TE Part # 4-2176056-4<br/>RLP73K 2B R62 5% 5K RL</p>  |  <p>TE Part # 1-2176056-1<br/>RLP73M 2B R027 5% 5K RL</p> |  <p>TE Part # 1-2176052-0<br/>RLP73N 1J R12 5% 5K RL</p> |
|  <p>TE Part # 2-2176052-3<br/>RLP73N 1J R43 5% 5K RL</p> |  <p>TE Part # 1-2176056-8<br/>RLP73N 2B R051 5% 5K RL</p> |  <p>TE Part # 2176056-2<br/>RLP73V 2B R011 5% 5K RL</p>   |  <p>TE Part # 2176056-6<br/>RLP73V 2B R016 5% 5K RL</p>  |

Also in the Series | CGS RLP73



Surface Mount Resistors(396)

Customers Also Bought

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Surface Mount Resistors, Low Ohmic Resistor, 2 Termination, 0603, Taped & Reeled, 1 %, Thick Film, Resistance Class Up to 1kΩ, .51 Ω, CGS RLP73



TE Part #1-5745968-5  
25 PLUG SP/FMS SCRLK

TE Part #5499923-7  
A/L UNIV HDR 30P VERT LG LAT

TE Part #6-6609107-0  
PS0SSSS6B=C1119

TE Part #8-1437565-1  
FSMCTATR=TACTILE SWITCH T&R

TE Part #4-2176307-2  
RP 1E 0.1W 33K2 0.1% 25PPM 5K RL

TE Part #2-640501-4  
09P MR HDR ASSY VO LF

TE Part #1462043-8  
IME06TS=IM RELAY 140mW 12V 2NO

Documents

Product Drawings

RLP73K 1J R51 1% 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-2176051-5\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2176051-5\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2176051-5\_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

