# RLP73M1JR082JTD ✔ ACTIVE

CGS | CGS RLP73

TE Internal #: 2176052-6

Low Ohmic Resistor, Thick Film, 0603, .125 W, .082 ohm, 5 %, ±400 ppm/°C, Solder, 2 Termination, Height .45 mm [.018 in], CGS RLP73

View on TE.com >

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




Resistor Type: **Low Ohmic Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.125 W**

Resistance Value: **.082 Ω**

All Thick Film Resistor: Current Sense (154)

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Low Ohmic Resistor |
| Element Type | Thick Film |
| Package Size Code | 0603 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Power Rating | .125 W |
| Resistance Value | .082 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 | .45 mm[.018 in] |
| Product Length | 1.6 mm[.063 in] |
| Product Width | .8 mm[.031 in] |

## Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±400 ppm/°C |

## Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

# Product Compliance

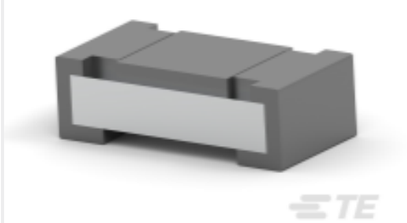
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 | 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

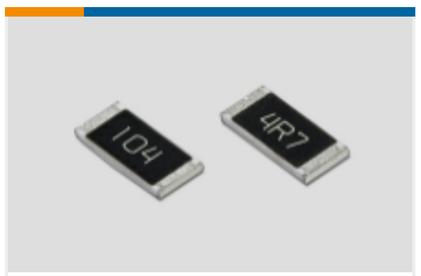


TE Part # CAT-C339-R529A
Thick Film Resistor: Current Sense




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

## Also in the Series | CGS RLP73




Surface Mount Resistors(401)

## Customers Also Bought



TE Part #DT04-2P

REC, 2P, GRY, N



TE Part #DT06-2S

PLG, 2P, GRY, N



TE Part #W2S

Wedgelocks: DEUTSCH DT



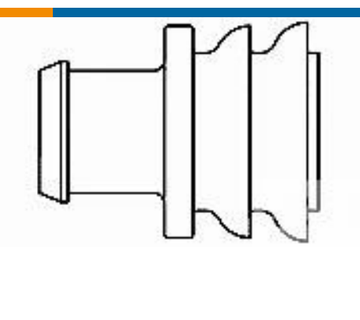
TE Part #0460-202-16141

DEUTSCH Solid Contacts



TE Part #282104-1

AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2

SINGLE WIRE SEAL



TE Part #114017-ZZ

SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

RLP73M 1J R082 5% 5K RL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176052-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176052-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176052-6_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

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

2005330-1 2377783-2 2380312-2 3631B101LL CPF0402B37K4E1 ROX05SJ18R SBCHE154R7K
1393431-1 1969656-1 2834055-1 650075-000 CRGCQ2010J3K3 TE50BR39J 2310537-1
RH73H2A40MKTN SBCHE64R7K SMW73R0JT 1-794222-0 3-1393225-0 U5254-000005-030PA 141991-2
1743455-2 2-292161-3 3430B2F51RTDF 936348-1 1-962915-1 MPT100C18RF 175977-2 1903112-2
917696-1