

RLP73V2BR010JTD

✓ ACTIVE

CGS | CGS RLP73

TE Internal #: 2176056-1  
.01 Ω, Thick Film, Current Sensing Resistor, 5 %, 2 Termination,  
1206, Taped & Reeled, .5 W, ±600 ppm/°C, Solder, 3.1 x 1.55 x .55  
mm, CGS RLP73

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



Resistor Type: **Current Sensing Resistor**  
Number of Terminations: **2**  
Package Size Code: **1206**  
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     | Current Sensing Resistor |
| Package Size Code | 1206                     |
| Element Type      | Thick Film               |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Passive Component Tolerance | 5 %       |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | .01 Ω     |
| Power Rating                | .5 W      |

Termination Features

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

Dimensions

|                              |                     |
|------------------------------|---------------------|
| Passive Component Dimensions | 3.1 x 1.55 x .55 mm |
|------------------------------|---------------------|



Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±600 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                   | Not Compliant                                                                                                                   |
| 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                     | 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 #5120527-1  
1FHP,64,30A/S,S,N,S10,12,13,15

TE Part #3-2176070-1  
3521 180R 1% 2W

TE Part #1-1393243-1  
RTE24048

TE Part #1825967-1  
FSMCDH=6.0mm Tact W/SQ Act. & High Temp

TE Part #1-1879417-3  
CPF 0603 560K 0.1% 25PPM 1K RL

TE Part #3-2176397-8  
3502 36R 1%

TE Part #2-2176325-9  
CRGP 0402 2K2 1%

TE Part #9-1879208-3  
CPF 0402 68K 0.1% 25PPM 1K RL

TE Part #5-2176268-6  
RU 0603 1K0 0.01% 2PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2176056-1\_BA.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_2176056-1\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2176056-1\\_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