

# RL73N1ER10FTDF ✓ ACTIVE

CGS | CGS RL73

TE Internal #: 2-1879459-5

CGS RL73, Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 0402, Taped & Reeled, 1 %, Thick Film, Resistance Class Up to 1k $\Omega$ , 10  $\Omega$

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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: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

[All Thick Film Resistor: Current Sense \(796\)](#)

## Features

### Product Type Features

|                   |                          |
|-------------------|--------------------------|
| Product Type      | Fixed Resistor           |
| Resistor Type     | Current Sensing Resistor |
| Package Size Code | 0402                     |
| Element Type      | Thick Film               |

### Configuration Features

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

### Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Passive Component Tolerance | 1 %               |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | 10 $\Omega$       |
| Power Rating                | .0625 W           |

### Termination Features

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

### Dimensions

|                              |                 |
|------------------------------|-----------------|
| Passive Component Dimensions | 1 x .5 x .32 mm |
|------------------------------|-----------------|



### Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±300 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: JUL 2021 (219)<br>Candidate List Declared Against: JUN 2020 (209)<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





## Also in the Series | CGS RL73



Surface Mount Resistors(855)

## Customers Also Bought



TE Part #9-1625971-5  
HSA25 R01 10%



TE Part #2337238-3  
TACT MINI GW 5.2X5.2X2 160GF



TE Part #3-2176307-2  
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



TE Part #7-2176305-3  
RP 1E 0.1W 604R 0.1% 25PPM 5K RL




TE Part #2-2176392-9  
RQ 1206 261K 0.1% 10PPM 5K RL



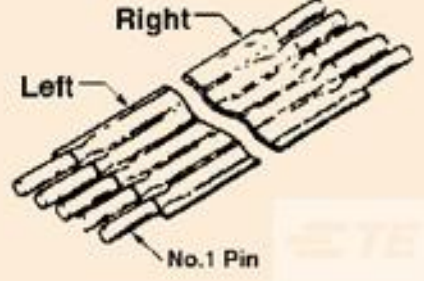
TE Part #1-1879353-9  
RR02 5% 24K AMMO



TE Part #7-1879354-5  
RR03 5% 390R AMMO



TE Part #1-830611-0  
LGH 1/2 SNGL MLD END



TE Part #3-1437162-8  
FSP-12A-11

## Documents

### Product Drawings

[RL73N 1E R10 1% 1K RL](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1879459-5\\_BA.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1879459-5\\_BA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1879459-5\\_BA.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[SMD Low Ohmic Current Sense Resistors - Type RL73 Series](#)

English

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[KRL1632E-C-R200-F-T1](#) [Y14880R02000B9R](#) [RLP73M1ER051FTDF](#) [RLP73M2AR051FTDF](#) [RLP73M2AR075FTDF](#) [RLP73K2A1R0FTDF](#)  
[RLP73M1JR051FTDF](#) [RLP73N1JR47FTDF](#) [SR731ERTTP5R10F](#) [SR731ERTTP100J](#) [SR731ERTTP6R80F](#) [SR731ERTTP4R70F](#)  
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