

RL73N1JR18JTD

✓ ACTIVE

CGS | CGS RL73

TE Internal #: 6-1622824-4

.18  $\Omega$ , Thick Film, Current Sensing Resistor, 5 %, 2 Termination,  
0603, Taped & Reeled, .1 W,  $\pm 300$  ppm/ $^{\circ}\text{C}$ , Solder, 1.6 x .8 x .45  
mm, CGS RL73

[View on TE.com >](#)



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



Resistor Type: **Current Sensing Resistor**

Number of Terminations: **2**

Package Size Code: **0603**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

[All Thick Film Resistor: Current Sense \(44\)](#)

Features

Product Type Features

|                   |                          |
|-------------------|--------------------------|
| Product Type      | Fixed Resistor           |
| Resistor Type     | Current Sensing Resistor |
| Package Size Code | 0603                     |
| Element Type      | Thick Film               |

Configuration Features

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

Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Passive Component Tolerance | 5 %               |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | .18 $\Omega$      |
| Power Rating                | .1 W              |

Termination Features

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

Dimensions

|                              |                   |
|------------------------------|-------------------|
| Passive Component Dimensions | 1.6 x .8 x .45 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: 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-R529  
Thick Film Resistor: Current Sense

TE Part # 6-1622824-1  
RL73N 1J R10 5% 5K RL



Also in the Series | CGS RL73

Surface Mount Resistors(856)

Customers Also Bought

TE Part #6609021-2  
1VB3=F7121 S0

TE Part #350767-1  
03P UMNL CAP HSG V0

TE Part #2058128-2  
Dust Cap, 4 Posn, Natural

TE Part #2213469-1  
GASKET, PHOTOCELL RECEPTACLE

TE Part #1586054-1  
VAL-U-LOK PIN BR SN 16AWG

TE Part #9-2176401-5  
3540 100R 5%

TE Part #8-2176404-3  
3550 10R 5%

TE Part #350777-1  
02P UMNL PLUG HSG

TE Part #853773-000  
TTMS-3.2-4

Documents

Product Drawings  
RL73N 1J R18 5% 5K RL

English

CAD Files  
3D PDF  
3D



Customer View Model

[ENG\\_CVM\\_CVM\\_6-1622824-4\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1622824-4\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1622824-4\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

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

English

[Standard Tantalum Capacitors - Type TYTS Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English