# RLC73K3AR332FTDF ✔ ACTIVE

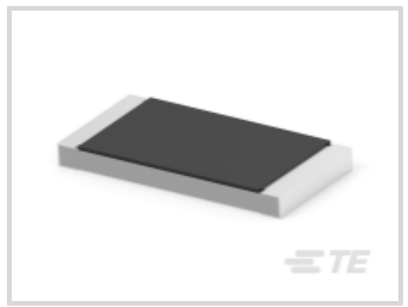
CGS | CGS RLC73

TE Internal #: 7-2176603-5

Current Sensing Resistor, Thick Film, 2512, 1 W, .332 ohm, 1 %, ±200 ppm/°C, Solder, 2 Termination, Height .6 mm [.024 in], CGS RLC73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **2512**

Power Rating: **1 W**

Resistance Value: **.332 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Current Sensing Resistor |
| Element Type | Thick Film |
| Package Size Code | 2512 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Power Rating | 1 W |
| Resistance Value | .332 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

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

## Dimensions

| | |
|---|---|
| Product Height | .6 mm[.024 in] |
| Product Length | 6.35 mm[.25 in] |
| Product Width | 3.1 mm[.122 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C |
| Temperature Coefficient | ±200 ppm/°C |

## Packaging Features

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

## Product Compliance

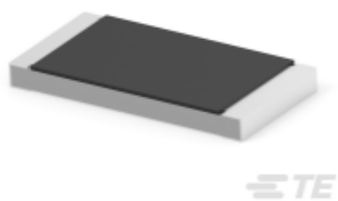
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| 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 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 | 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 7-2176601-5
RLC73K 3A R332 1% 4K RL

## Also in the Series | CGS RLC73




Surface Mount Resistors(2392)

## Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



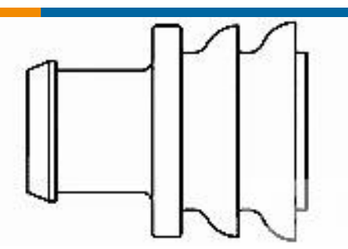
TE Part #W2S
Wedgelocks: DEUTSCH DT



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

RLC73K 3A R332 1% 1K RL

English

### CAD Files

### Customer View Model

ENG_CVM_CVM_7-2176603-5_BA.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_7-2176603-5_BA.3d_stp.zip

English

### Customer View Model

ENG_CVM_CVM_7-2176603-5_BA.2d_dxf.zip

English

### 3D PDF

3D

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 RLC73 Series

English

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Global Electronic Components Distributor

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## TE Connectivity:

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