

# RL73K3AR82JTE ✓ ACTIVE

CGS | CGS RL73

TE Internal #: 5-1622825-2

CGS RL73, Surface Mount Resistors, Current Sensing Resistor, 2 Termination, 2512, Taped & Reeled, 5 %, Thick Film, Resistance Class Up to 1k $\Omega$ , .82  $\Omega$

[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: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

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

## Features

### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Current Sensing Resistor
Package Size Code	2512
Element Type	Thick Film

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	.82 $\Omega$
Power Rating	1 W

### Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

### Dimensions

Passive Component Dimensions	6.35 x 3.1 x .6 mm
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### Usage Conditions

Temperature Coefficient	±200 ppm/°C
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### Packaging Features

Packaging Method	Taped & Reeled
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### 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 with Exemptions
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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) 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 #1-1879378-1  
Metal Chip Resistor: Current Sense



TE Part #1419108-7  
RT28516



TE Part #1-1624112-0  
3650 0603 0.10uH 5% 2K RL



TE Part #1-1954289-2  
Connector,Blade & Recept 4 Pos



TE Part #9-1879225-2  
CPF 0603 402K 0.1% 25PPM 1K RL



TE Part #1622856-1  
CRG0603 1% 160R



TE Part #1-1622903-0  
CRG0603 1% 2K26



TE Part #1393230-9  
RP3SL012



TE Part #1546097-3  
5.08 HORIZ HDR CLOSEDEND 3 POS



TE Part #1624032-1  
SC30-10-2547-10 680UH AMMO 1000

## Documents

### Product Drawings

[RL73K 3A R82 5% 4K RL](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-1622825-2\\_BA.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-1622825-2\\_BA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_5-1622825-2\\_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

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

English

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

English