

RL73K3AR12JTDF ✓ ACTIVE

CGS | CGS RL73

TE Internal #: 1-1622825-0

.12 ohm, Surface Mount Current Sensing Resistor, Thick Film, 2512,

1 W, 5 %, ±200 ppm/°C, Solder, 2 Terminations, .6 mm [.024 in]

Height, CGS RL73

[View on TE.com >](#)



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



Resistance Value: .12 Ω

Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **2512**

Power Rating: **1 W**

[All Thick Film Resistor: Current Sense \(434\)](#)

Features

Electrical Characteristics

Resistance Value	.12 Ω
Power Rating	1 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Product Type Features

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

Configuration Features

Number of Resistors	1
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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]
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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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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Not Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 6-1622824-1
RL73N 1J R10 5% 5K RL



TE Part # CAT-C339-R529
Thick Film Resistor: Current Sense

Also in the Series | CGS RL73



Surface Mount Resistors(472)

Customers Also Bought



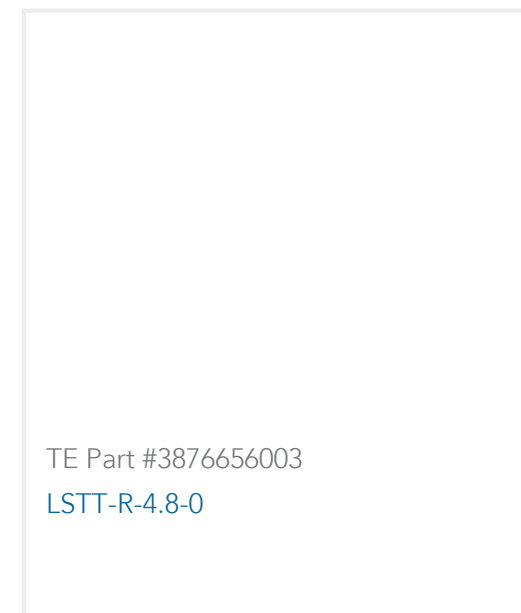
TE Part #4344156001
CGPT-R-1.6-0



TE Part #130017
SOLIS R 22-16 5MM



TE Part #130205
PIDG RING



TE Part #3876656003
LSTT-R-4.8-0



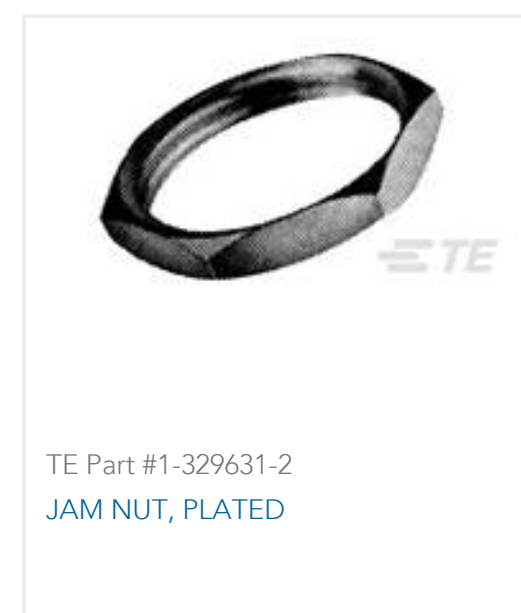
TE Part #5406299-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT 5e



TE Part #130114
PIDG RING TONGUE



TE Part #5070052031
RNF-100-3/16-X-STK



TE Part #1-329631-2
JAM NUT, PLATED



TE Part #4-2176304-3
RP 1E 0.1W 27R4 0.1% 25PPM 5K RL



TE Part #7-2176312-0
RP 1E 0.1W 64K9 0.1% 25PPM 1K RL



Documents

Product Drawings

[RL73K 3A R12 5% 1K Reel](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1622825-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1622825-0_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1622825-0_BA.3d_stp.zip](#)

English

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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