



CGS | CGS RLP73

TE Internal #: 1-2176057-5

.039 Ω, Thick Film, Current Sensing Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ±400 ppm/°C, Solder, Height .029 in [.74 mm], CGS RLP73

[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: **1 %**

[All Thick Film Resistor: Current Sense \(214\)](#)

Features

Product Type Features

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	1 %
Resistance Class	Up to 1kΩ
Resistance Value	.039 Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.74 mm[.029 in]
Product Length	6.35 mm[.25 in]



Product Width	3.15 mm[.124 in]
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Usage Conditions

Temperature Coefficient	±400 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 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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-R529A
Thick Film Resistor: Current Sense

TE Part # CAT-C339-R529C
Thick Film Resistor: Current Sense

TE Part # 2176050-2
RLP73M 1E R056 5% 5K RL

TE Part # 3-2176049-3
RLP73K 1E 1R0 1% 5K RL

TE Part # 3-2176049-4
RLP73K 1E R56 1% 5K RL

Also in the Series | CGS RLP73

Surface Mount Resistors(401)

Customers Also Bought

TE Part #1623790-2
SQM10S 10R 5% LP (WIRE)

TE Part #5-104935-7
06 MTE HDR SRRA LTCH.100CL LF

TE Part #9-103329-0
40 MODII HDR SRRA B/A .100 CL LF

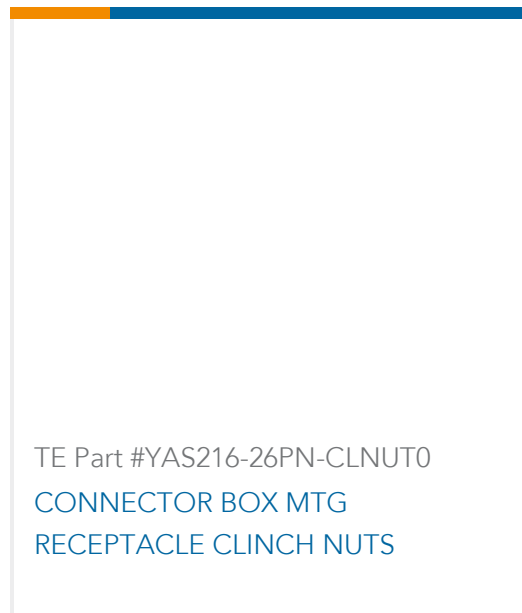
TE Part #1734035-1
MINI USB, TYPE B, R/A, SMT

TE Part #1-2328702-0
10PIN 0.5MMP FPC CONN, BACK FLIP LOCK

TE Part #6437288-3
SUPER SEAL 60POS CAP ASSY H AU

TE Part #9-1879132-2
RN 0402 20K 0.1% 10PPM 5K RL

TE Part #2-2176422-9
TLRP 2512 3.0W R039 1% 25PPM 4K RL



Documents

Product Drawings

[RLP73M 3A R039 1% 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2176057-5_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176057-5_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176057-5_BA.3d_stp.zip](#)

English

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 RL73 Series](#)

English