

CGS | CGS RLP73

TE Internal #: 2176055-8

Surface Mount Current Sensing Resistor, Thick Film, 1206, .5 W, .02 ohm, 1 %, ± 600 ppm/ $^{\circ}$ C, Solder, 2 Terminations, Height .55 mm [.022 in], CGS RLP73

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



Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **1206**

Power Rating: **.5 W**

Resistance Value: **.02 Ω**

[All Thick Film Resistor: Current Sense \(190\)](#)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Thick Film
Package Size Code	1206

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.5 W
Resistance Value	.02 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.55 mm [.022 in]
Product Length	3.1 mm [.122 in]

Product Width

1.55 mm [.061 in]

Usage Conditions

Temperature Coefficient

 ± 600 ppm/ $^{\circ}$ C**Packaging Features**

Packaging Method

Taped & Reeled

Other

EU RoHS Compliance

Compliant with Exemptions

EU ELV Compliance

Compliant with Exemptions

Product ComplianceFor 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 2024 (241)

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 $^{\circ}$ 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

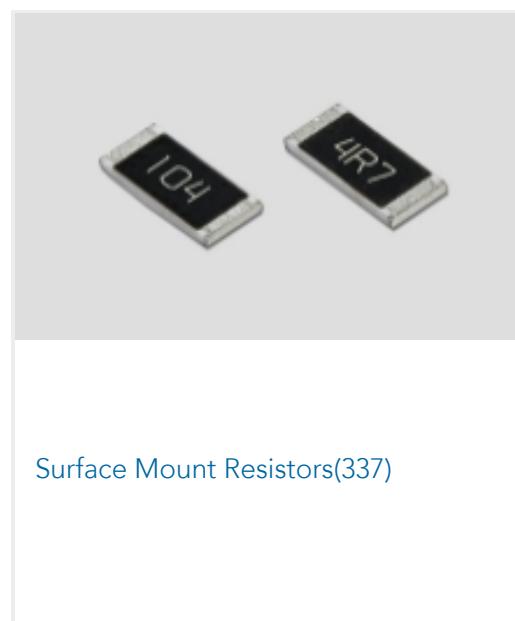


TE Part # CAT-C339-R529A
Thick Film Resistor: Current Sense



TE Part # 2176050-8
RLP73N 1E R10 5% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(337)

Customers Also Bought



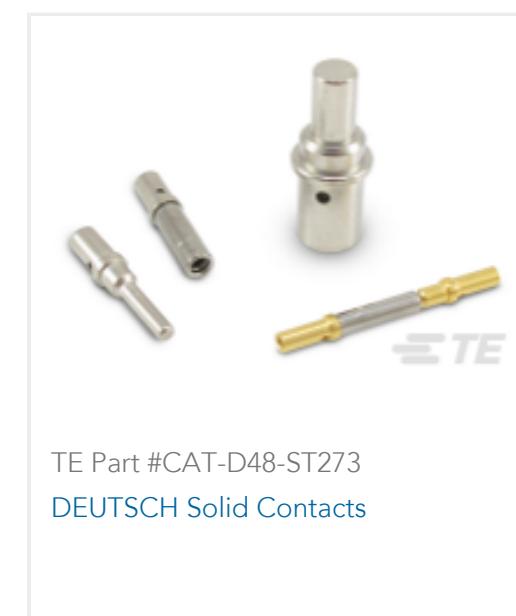
TE Part # DT04-2P
REC, 2P, GRY, N



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



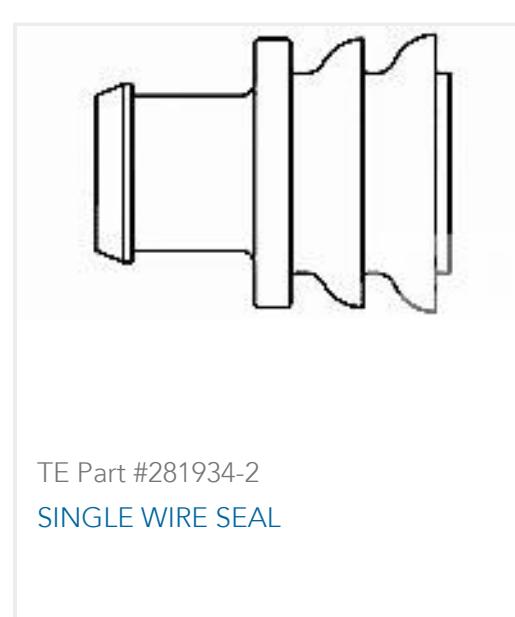
TE Part # CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part # 281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

[RLP73V 2B R020 1% 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_2176055-8_BA.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_2176055-8_BA.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_2176055-8_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