

RLP73N2BR051FTDF

✓ ACTIVE

CGS | CGS RLP73

TE Internal #: 1-2176055-8

Current Sensing Resistor, Thick Film, 1206, .5 W, .051  $\Omega$ , 1 %,  $\pm 300$  ppm/ $^{\circ}\text{C}$ , Solder, 2 Termination, Height .022 in [.55 mm], 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: **.051  $\Omega$**

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

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	.051 $\Omega$
Resistance Class	Up to 1k $\Omega$
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	$\pm 300$ ppm/ $^{\circ}\text{C}$
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 $^{\circ}\text{C}$

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

TE Part # 5-2176055-0  
RLP73K 2B R62 1% 5K RL



Also in the Series

CGS RLP73

Surface Mount Resistors(401)

Customers Also Bought

TE Part # 440054-3  
2.0MM,HDR,3POS,VERTICAL

TE Part # 3-641191-2  
02P MTA100 CONN ASSY WHT LF

TE Part # 6-1393144-8  
K10P-11D55-24=K10/K20

TE Part # 52041-6  
TERMINAL R PG 8 8

TE Part # 208209-2  
METRIMATE PIN HSG 19 POSN

TE Part # 3-2213766-5  
AV19 SPL 3A POWER LED GREEN 24V

TE Part # 814530-000  
202D232-4-0

TE Part # AGC874N0000150A000  
617 RECEPTACLE ANGLED  
ROTATABLE

TE Part # ASA876N00085200A000  
617 PLUG

TE Part # 1-1393788-1  
V23079A1003B301

Documents

Product Drawings

RLP73N 2B R051 1% 1K RL

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176055-8\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176055-8\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176055-8\\_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