

RLP73M1JR082JTD

✓ ACTIVE

CGS | CGS RLP73

TE Internal #: 2176052-6
.082 ohm, Surface Mount Low Ohmic Resistor, Thick Film, 0603, .125 W, 5 %, ±400 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, CGS RLP73

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



Resistance Value: .082 Ω
Resistor Type: Low Ohmic Resistor
Element Type: Thick Film
Package Size Code: 0603
Power Rating: .125 W

[All Thick Film Resistor: Current Sense \(142\)](#)

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Thick Film
Package Size Code	0603

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Value	.082 Ω
Power Rating	.125 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.6 mm[.063 in]



Product Width	.8 mm[.031 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	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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Not reviewed for solder process capability

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

RLP73M1JR082JTD

.082 ohm, Surface Mount Low Ohmic Resistor, Thick Film, 0603, .125 W, 5 %, ±400 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, CGS RLP73



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

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

Also in the Series | CGS RLP73

Surface Mount Resistors(337)

Customers Also Bought

TE Part #2-2176609-4
EP 1W (SSS) 9R1 5%

TE Part #3-2176057-3
RLP73K 3A R22 1% 1K RL

TE Part #4-1879355-3
RR03 5% 240K AMMO

TE Part #1-2834006-2
RELEASE POKE-IN CONNECTOR_2POLES

TE Part #2108783-2
PCB ANTENNA, SMD, 617-3800MHz

TE Part #8-1879225-7
CPF 0603 357K 0.1% 25PPM 1K RL

TE Part #726386-2
250 FASTON TAB TPBR

TE Part #1-2176078-0
EP 1W 330R 5%

TE Part #2176469-4
TLRP 2010 2.0W R050 1% 75PPM 4K RL

TE Part #1-1414761-0
V23086C1001A403-EV-BLBOX



Documents

Product Drawings

RLP73M 1J R082 5% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176052-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176052-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176052-6_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