



CGS | CGS RLP73

TE Internal #: 3-2176057-8

CGS RLP73, Surface Mount Resistors, Current Sensing Resistor, 2 Terminations, Size Code 2512, Taped & Reeled, 1%, Thick Film

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Current Sensing Resistor**

Number of Terminations: **2**

Size Code: **2512**

Packaging Method: **Taped & Reeled**

Tolerance: **1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Current Sensing Resistor
Size Code	2512
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Tolerance	1%
Resistance Range	Up to 1kΩ Ω
Resistance	.36 Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions

Dimensions	6.35 x 3.15 x .74 mm
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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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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	ECHAによる現在の候補リスト: 2020年1月(205) 候補リストの表記: 2019年7月(201) REACH SVHCを含まない
EU REACH Regulation (EC) No. 1907/2006	ECHAによる現在の候補リスト: 2020年1月(205) 候補リストの表記: 2019年7月(201)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts




TE Model / Part # 2-2176051-5
RLP73K 1J R51 1% 1K RL



TE Model / Part # 4-2176055-0
RLP73K 2B R43 1% 1K RL



TE Model / Part # 1-2176057-5
RLP73M 3A R039 1% 1K RL



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



TE Model / Part # 2176053-9
RLP73N 2A R11 1% 1K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(396)

Customers Also Bought



TE Model / Part #4-2176057-0
RLP73K 3A R43 1% 1K RL



TE Model / Part #2-1761711-3
IDC LOW PRO HDR 10P VERT LG LA



TE Model / Part #1410270-2
MULTIGIG RT PWR .8" VRT RCP 4P
PBFR



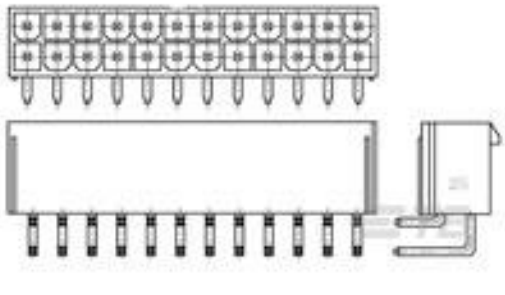
TE Model / Part #3-2176057-5
RLP73K 3A R27 1% 1K RL



TE Model / Part #3-2176057-9
RLP73K 3A R39 1% 1K RL



TE Model / Part #2274000-1
ZSFP+ 1X1 CAGE ASSEMBLY
PRESSFIT WITH LP



TE Model / Part #1-1586042-2
12P VAL-U-LOK R/A HDR V0



TE Model / Part #3-1734506-0
RCPT, 2.0MM, 14P,VRT MT, 8 Au", 2.6
ST



Documents

Product Drawings

[RLP73K 3A R36 1% 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-2176057-8_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176057-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176057-8_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SMD Low Ohmic Current Sense Resistors - Type RL73 Series](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English