

RLP73M3AR039FTDF

✓ ACTIVE

CGS | CGS RLP73

TE Internal #: 1-2176057-5  
.039  $\Omega$ , Thick Film, Current Sensing Resistor, 1 %, 2 Termination,  
2512, Taped & Reeled, 2 W,  $\pm 400$  ppm/ $^{\circ}\text{C}$ , Solder, 6.35 x 3.15 x .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

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

Configuration Features

Number of Resistors	1
---------------------	---

Electrical Characteristics

Passive Component Tolerance	1 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	.039 $\Omega$
Power Rating	2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	6.35 x 3.15 x .74 mm
------------------------------	----------------------



Usage Conditions

Temperature Coefficient	±400 ppm/°C
-------------------------	-------------

Packaging Features

Packaging Method	Taped & Reeled
------------------	----------------

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: 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 # 2176058-6  
RLP73V 3A R016 5% 2K RL



TE Part # 2-2176056-9  
RLP73K 2B R15 5% 5K RL

TE Part # 2-2176050-9  
RLP73K 1E R75 5% 5K RL

TE Part # 3-2176050-0  
RLP73K 1E R82 5% 5K RL

TE Part # 2-2176052-9  
RLP73K 1J R75 5% 5K RL

TE Part # 2-2176054-5  
RLP73K 2A R51 5% 5K RL

TE Part # 2-2176054-6  
RLP73K 2A R56 5% 5K RL

TE Part # 2-2176054-7  
RLP73K 2A R62 5% 5K RL

TE Part # 2-2176054-8  
RLP73K 2A R68 5% 5K RL

TE Part # 2-2176054-9  
RLP73K 2A R75 5% 5K RL

TE Part # 3-2176054-0  
RLP73K 2A R82 5% 5K RL

TE Part # 2-2176056-5  
RLP73K 2B R10 5% 5K RL

TE Part # 2-2176056-7  
RLP73K 2B R12 5% 5K RL

TE Part # 2-2176056-8  
RLP73K 2B R13 5% 5K RL

TE Part # 3-2176056-0  
RLP73K 2B R16 5% 5K RL

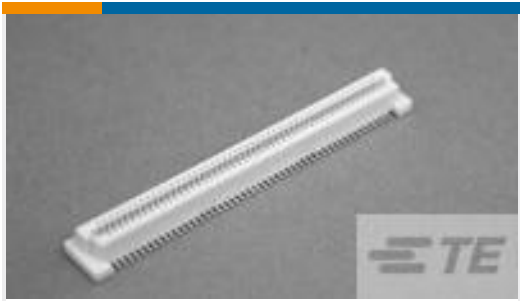
TE Part # 3-2176056-1  
RLP73K 2B R18 5% 5K RL

TE Part # 3-2176056-3  
RLP73K 2B R22 5% 5K RL

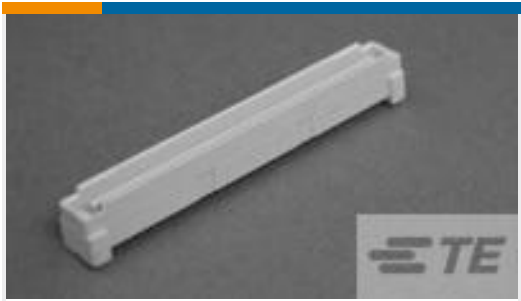
Also in the Series | CGS RLP73

Surface Mount Resistors(401)

Customers Also Bought



TE Part #5177985-4  
0.8FH,R05H.5,100,08/Sn,TR,SC



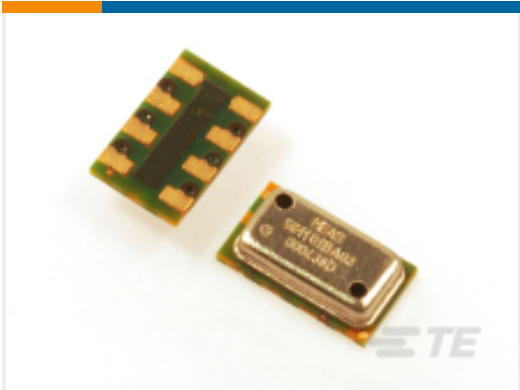
TE Part #2-5177986-4  
0.8FH,P07H.5,100,08/Sn,TR,SC



TE Part #2309409-2  
DDR4 SODIMM 260P 5.2H STD



TE Part #2328702-6  
6PIN 0.5MMMP FPC CONNECTOR, BACK FLIP LOCK



TE Part #MS561101BA03-50  
MS5611 BAROMETRIC SENSOR CM T&R



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



TE Part #2-6447232-3  
SUPERSEAL Connector Headers: 1.0 mm

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