

[Passive Components > Resistors > Surface Mount Resistors > Thick Film Resistor: Current Sense](#)Resistor Type: **Low Ohmic Resistor**Element Type: **Thick Film**Package Size Code: **0805**Power Rating: **.25 W**Resistance Value: **.051 Ω**[All Thick Film Resistor: Current Sense \(177\)](#)

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Thick Film
Package Size Code	0805

Configuration Features

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

Electrical Characteristics

Power Rating	.25 W
Resistance Value	.051 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.55 mm [.022 in]
Product Length	2 mm [.079 in]
Product Width	1.25 mm [.049 in]

Usage Conditions

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

Packaging Features

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

Product Compliance

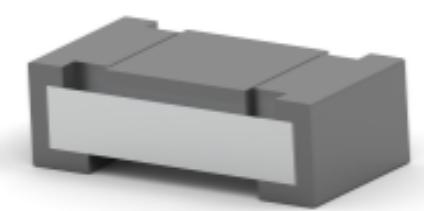
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No 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	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 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>

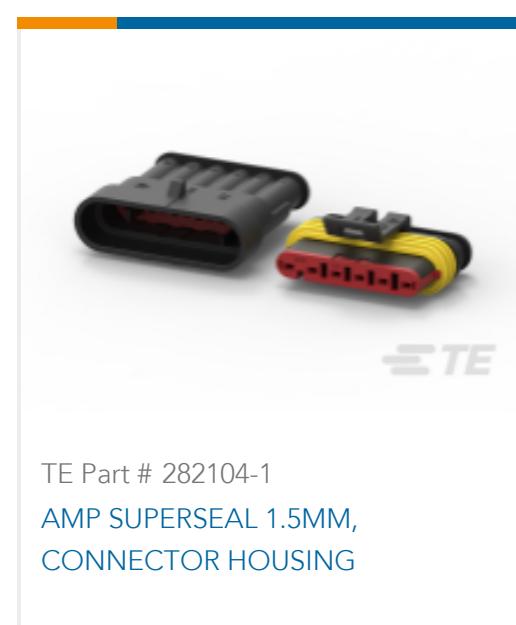
Compatible Parts

	
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



Customers Also Bought



Documents

Product Drawings

[RLP73M 2A R051 5% 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2176054-1_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176054-1_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176054-1_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