RL73K3AR82JTDF ✔ ACTIVE

CGS | CGS RL73

TE Internal #: 2-1622825-6

.82 ohm, Thick Film, Current Sensing Resistor, 5 %, 2512, 1 W, ±200 ppm/°C, Solder, 2 Terminations, .6 mm [.024 in] Height, CGS RL73

View on TE.com >

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



Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **2512**

Power Rating: **1 W**

Resistance Value: **.82 Ω**

All Thick Film Resistor: Current Sense (434)

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	1 W
Resistance Value	.82 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	.6 mm[.024 in]
Product Length	6.35 mm[.25 in]
Product Width	3.1 mm[.122 in]

Usage Conditions

Temperature Coefficient	±200 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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

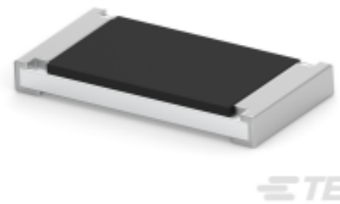
Product Compliance Disclaimer

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

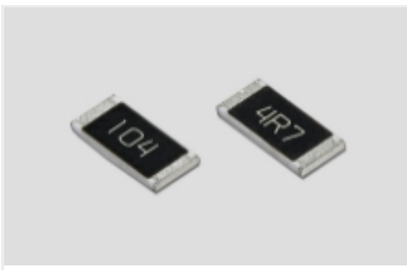


TE Part # 6-1622824-1
RL73N 1J R10 5% 5K RL



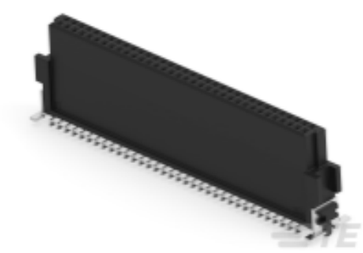
TE Part # CAT-C339-R529
Thick Film Resistor: Current Sense

Also in the Series | CGS RL73

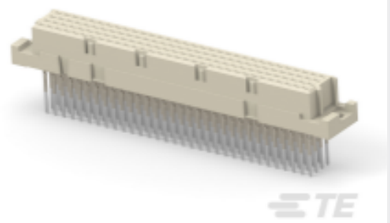


Surface Mount Resistors(472)

Customers Also Bought



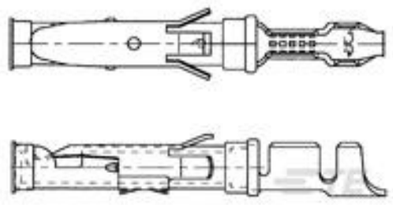
TE Part #234200-E
SMCB 68 F AB VV 7-23 CL * H007 137 E002



TE Part #254979-E
STVCD 128 F ABCD VVVV 7-00 EEUE 13,0 * 2



TE Part #6-104069-3
26 sys 50 hdr drra shrd sn



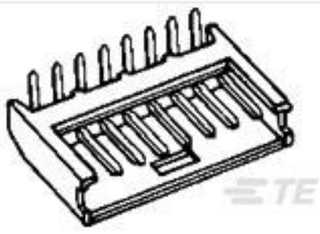
TE Part #163767-4
062 SOC.ASS.TYPE 3+



TE Part #164161-9
.062 PIN ASSY.3+



TE Part #178877-1
SCREWLOCK WITH SPRING WASHER



TE Part #280379-2
6P MODU II SHRD HDR, RT ANG, 0.38 AU



TE Part #2-1393258-0
V23047-A1036-A501



TE Part #3-1415543-3
SR6V6K18



TE Part #2301838-1
AMPL REC HD20, VERT, 9P, B/L,4-40 INS

Documents

Product Drawings

RL73K 3A R82 5% 1K RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1622825-6_BA1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-1622825-6_BA1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1622825-6_BA1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English