RL73N1ER27JTD ✔ ACTIVE

CGS | CGS RL73

TE Internal #: 5-1622824-4

Current Sensing Resistor, Thick Film, 0402, .0625 W, .27 Ω, 5 %, ±300 ppm/°C, Solder, 2 Termination, Height .013 in [.32 mm], 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: **0402**

Power Rating: **.0625 W**

Resistance Value: **.27 Ω**

All Thick Film Resistor: Current Sense (51)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Thick Film
Package Size Code	0402

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	.0625 W
Resistance Value	.27 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	.32 mm[.013 in]
Product Length	1 mm[.039 in]

Product Width	.5 mm[.02 in]

Usage Conditions

Temperature Coefficient	±300 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

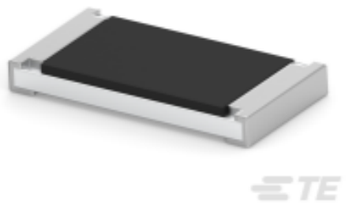
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

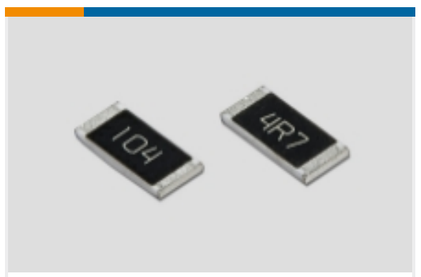


TE Part # CAT-C339-R529
Thick Film Resistor: Current Sense



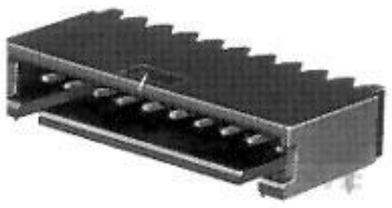
TE Part # 6-1622824-1
RL73N 1J R10 5% 5K RL

Also in the Series | CGS RL73



Surface Mount Resistors(856)

Customers Also Bought



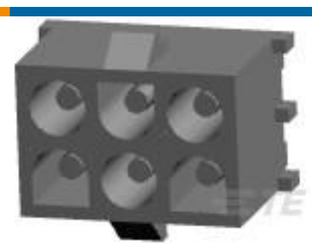
TE Part # 5-103361-3
05 MODII HDR SRRA SHRD LF



TE Part # 9-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes, W/C



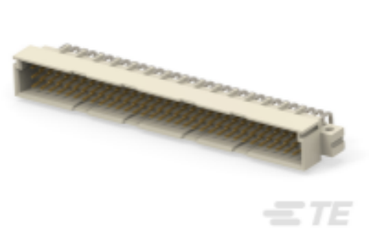
TE Part # 1-770166-0
02P MINI-UMNL ASSY VO SNNI*



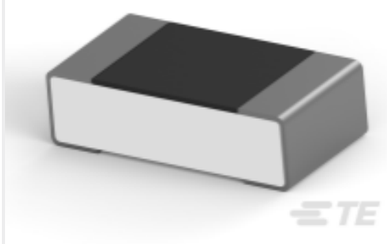
TE Part # 350431-1
06P UMNL PIN HDR ASSY V2 NAT



TE Part # 2-1676481-9
CPF 0603 75R 0.1% 25PPM 1K RL



TE Part # 364915-E
STVC 96 M ABC VVV 4-00 0606 * * 247 E007



TE Part # 2176368-9
RQ 0603 60K4 0.1% 10PPM 1K RL

TE Part # 4-1827253-8
.5FHP05H,220,S,GIG,08/Sn,TR,NSYes

Documents

Product Drawings

RL73N 1E R27 5% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1622824-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-4_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Standard Tantalum Capacitors - Type TYTS Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English