

RL73N1HR51FTD

✓ ACTIVE

CGS | CGS RL73

TE Internal #: 1-1879458-8

Current Sensing Resistor, Thick Film, 0201, .05 W, 51 ohm, 1 %, ±300 ppm/°C, Solder, 2 Termination, Height .23 mm [.009 in], 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: **0201**

Power Rating: **.05 W**

Resistance Value: **51 Ω**

[All Thick Film Resistor: Current Sense \(434\)](#)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Thick Film
Package Size Code	0201

Configuration Features

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

Electrical Characteristics

Power Rating	.05 W
Resistance Value	51 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.23 mm[.009 in]
Product Length	.6 mm[.024 in]



Product Width	.3 mm[.012 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	Not Compliant
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

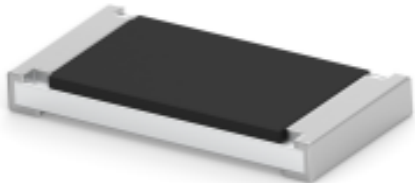
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

RL73N1HR51FTD

Current Sensing Resistor, Thick Film, 0201, .05 W, 51 ohm, 1 %, ±300 ppm/°C, Solder, 2 Termination, Height .23 mm [.009 in], CGS RL73





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(472)

Customers Also Bought



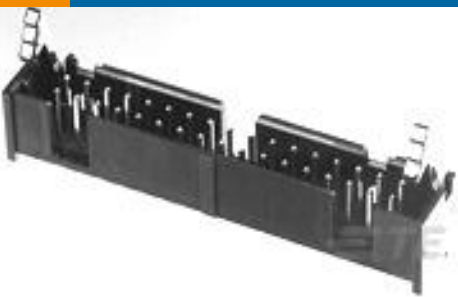
TE Part #2213748-1

COVER,LIGHT CONTROLLER,76MM DIA,MEDIUM



TE Part #2-1879458-4

RL73N 1H R91 1% 5K RL



TE Part #2-1761606-5

IDC LOW PRO HDR 14P VERT LG LA



TE Part #1-794610-2

MICRO MNL RPT CNT,LS PC 30AU L



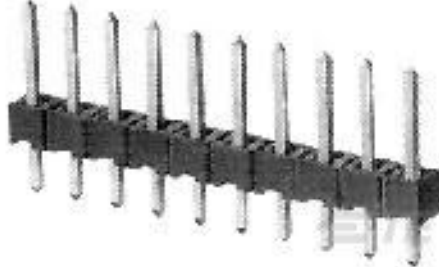
TE Part #1445022-4

MICRO MNL RFCEPT HSG SINGLE R



TE Part #2-1445096-4

MICRO MNL HDR ASSY SINGLE ROW



TE Part #826926-2

AMPMODU II PIN HEADER



TE Part #1-1478979-0

SMA STR PCB SKT GSS



TE Part #1676260-1

RN 0805 237R 0.1% 10PPM CUT LENGTH



TE Part #2846688-1

Connector, Assembly Gamma



Documents

Product Drawings

RL73N 1H R51 1% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879458-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879458-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879458-8_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