



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



Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **0805**

Power Rating: **.125 W**

Resistance Value: **.22 Ω**

[All Thick Film Resistor: Current Sense \(796\)](#)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Thick Film
Package Size Code	0805

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.125 W
Resistance Value	.22 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	1 %

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	± 100 ppm/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Taped & Reeled
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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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260 $^{\circ}\text{C}$

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 # CAT-C339-R529B
Thick Film Resistor: Current Sense

TE Part # 3-2176051-3
RLP73N 1J R12 1% 5K RL

TE Part # 1622824-1
LOW OHMIC LAB KIT (RL73)

RL73H2AR22FTD

Current Sensing Resistor, Thick Film, 0805, .125 W, .22 Ω , 1 %, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 2 Termination, Height .022 in [.55 mm], CGS RL73



TE Part # 1-2176188-0
RLP73 0402 LAB-KIT

TE Part # 1-2176188-1
RLP73 0603 LAB-KIT

TE Part # 1-2176188-2
RLP73 0805 LAB-KIT

TE Part # 1-2176188-3
RLP73 1206 LAB-KIT

TE Part # 1-2176188-4
RLP73 2512 LAB-KIT

TE Part # 8-1622825-0
RL73K 3A R47 2% 4K RL

TE Part # 3-2176051-4
RLP73K 1J R75 1% 5K RL

Also in the Series | CGS RL73

Surface Mount Resistors(856)

Customers Also Bought

TE Part # 1-215307-6
2X16P HV100 REC CON. TE, 7.0MM

TE Part # 215299-6
6P HV100 REC CON. TE, 8.5MM

TE Part # 1571563-8
FSM4JSMLTR=TACT SWITCH,SMT, T&R

TE Part # T4144035081-000
M12 RA PCB CONN. Male 8P SHIELD

TE Part # 85829-6
06 MODI HDR SRST .156CL

TE Part # 244630-E
SMCIDC 50 KV AB VV 7-01 CL * H007 717 PO

TE Part # 064003-E
SMCQ 26 M AB VV 3-04 * 2,8 0003 137 E001



Documents

Product Drawings

RL73H 2A R22 1% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1622824-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1622824-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1622824-7_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of 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