



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: **.22 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
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Electrical Characteristics

Power Rating	.0625 W
Resistance Value	.22 Ω
Resistance Class	Up to 1k Ω
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]
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Usage Conditions

Temperature Coefficient	± 300 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

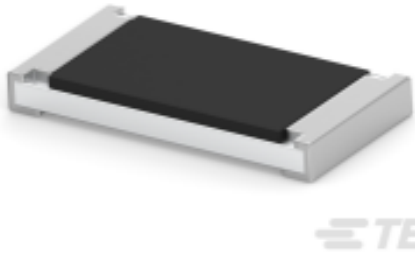
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

RL73N1ER22JTD

Current Sensing Resistor, Thick Film, 0402, .0625 W, .22 Ω , 5 %, ± 300 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .013 in [.32 mm], CGS RL73





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



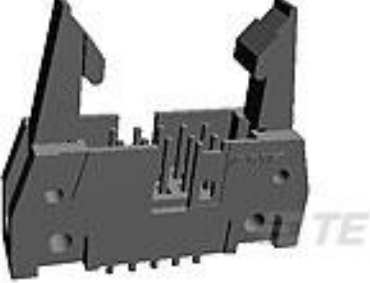
TE Part # 6-1622824-1
RL73N 1J R10 5% 5K RL

Also in the Series | CGS RL73



Surface Mount Resistors(856)

Customers Also Bought



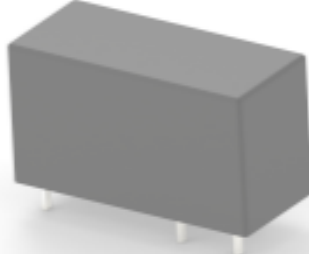
TE Part # 5499206-3
A/L UNIV HDR 16P VERT LG LAT



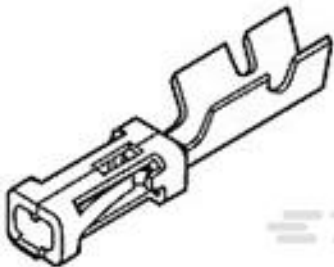
TE Part # 5747238-4
25 MSFL PLUG RA 318 (IN,FM)



TE Part # 2027395-3
T9SV1K15-12S



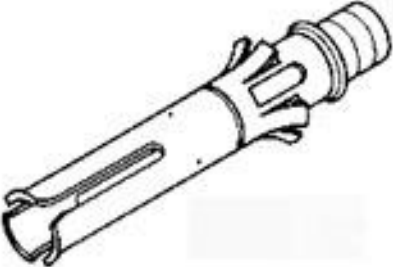
TE Part # 1-1393239-1
RT114018



TE Part # 102917-5
MOD IV RECP PLTD 15 SEL



TE Part # 3-1879026-2
YR1 0.1% 20R



TE Part # 51565-1
SUB MIN SOCKET



TE Part # 6-146277-0
10 MODII HDR SRST B/A .100CL



TE Part # 10202276-00
PRESS XDCR M5231-000005-500PG



Documents

Product Drawings

RL73N 1E R22 5% 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1622824-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1622824-3_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