



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: **.1 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 |
|---------------------|---|

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Power Rating | .125 W |
| Resistance Value | .1 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 1 % |

Termination Features

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|---|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

Dimensions

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|----------------|-----------------|
| Product Height | .55 mm[.022 in] |
| Product Length | 2 mm[.079 in] |



| | |
|---------------|------------------|
| Product Width | 1.25 mm[.049 in] |
|---------------|------------------|

Usage Conditions

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|-------------------------|-------------|
| Temperature Coefficient | ±100 ppm/°C |
|-------------------------|-------------|

Packaging Features

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|------------------|----------------|
| 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: JUNE 2024 (241) 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°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

RL73H2AR10FTDF

Current Sensing Resistor, Thick Film, 0805, .125 W, .1 ohm, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 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(856)

Customers Also Bought



TE Part #2-179694-2
2MM CT MT REC ASSY 2P GRAY



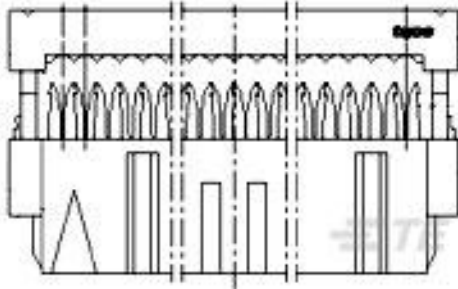
TE Part #2-1761603-9
IDC LOW PRO HDR 26P VERT BLUE



TE Part #643406-1
05P UMNL PIN HDR ASSY POL 94VO



TE Part #1734592-6
FPC CONN. 0.5MM PITCH B/C, 6P



TE Part #3-215882-4
LATCH BU-STECK



TE Part #6-1676481-0
CPF 0603 1K8 0.1% 25PPM 1K RL




TE Part #2102317-1
Fortis Zd 10 Col R/A Right Assy SE



TE Part #154742-E
SMCQ 50 F AB VV 7-03 CL * 0007 137 E002



TE Part #1SNA173220R0500
PR30



TE Part #BAT-HLD-001
Battery Holder 2032 2025 SMT Bulk Pack



Documents

Product Drawings

RL73H 2A R10 1% 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1879461-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1879461-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1879461-2_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