



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



Resistance Value: .091 Ω
Resistor Type: Low Ohmic Resistor
Element Type: Thick Film
Package Size Code: 0805
Power Rating: .25 W

[All Thick Film Resistor: Current Sense \(190\)](#)

Features

Product Type Features

Resistor Type	Low Ohmic Resistor
Element Type	Thick Film
Package Size Code	0805

Configuration Features

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

Electrical Characteristics

Resistance Value	.091 Ω
Power Rating	.25 W
Resistance Class	Up to 1kΩ
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	±400 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	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

RLP73M2AR091FTDF

.091 ohm, Surface Mount Low Ohmic Resistor, Thick Film, 0805, .25 W, 1 %, ±400 ppm /°C, Solder, 2 Terminations, .55 mm [.022 in] Height, CGS RLP73



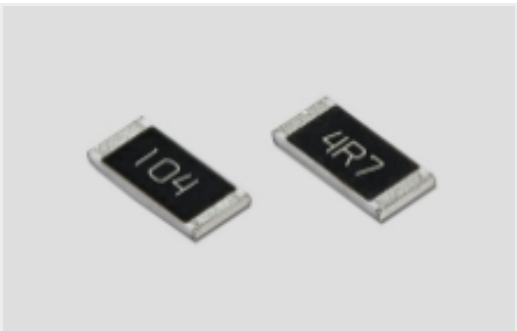


TE Part # CAT-C339-R529A
Thick Film Resistor: Current Sense



TE Part # 2176050-8
RLP73N 1E R10 5% 5K RL

Also in the Series | CGS RLP73



Surface Mount Resistors(337)

Customers Also Bought



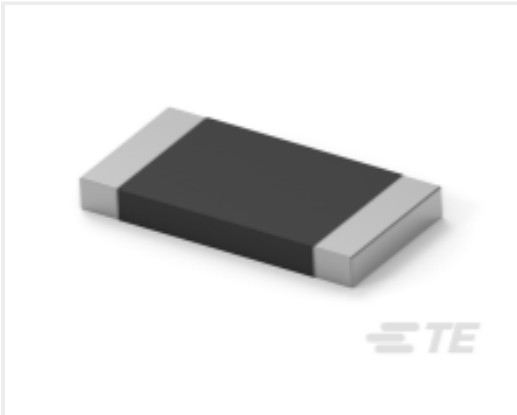
TE Part #2301826-2
AMPL PLUG HD20, VERT, 9P, B/L,4-40 S/LOC



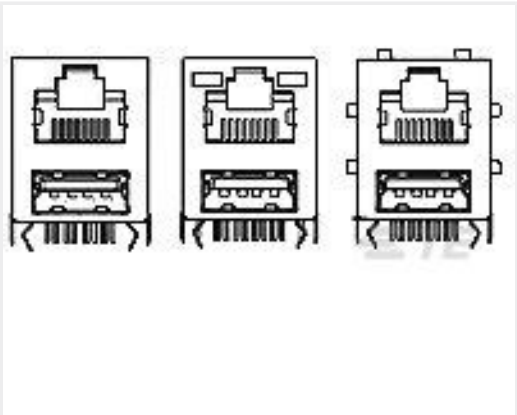
TE Part #2842143-4
8P,2MM,BRK HDR,DRV,T,SMD,0.38AU, TR W/CAP



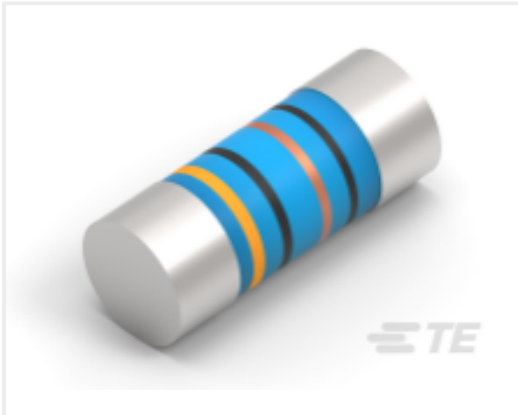
TE Part #2016694-4
RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM



TE Part #2-2176421-1
TLRP 2512 2.0W R030 1% 25PPM 4K RL



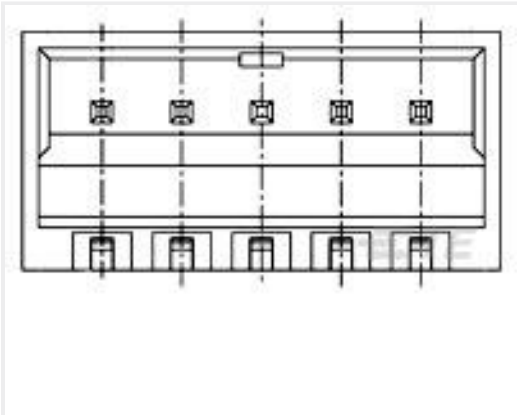
TE Part #5-1775855-1
RJ45 OVER USB W/ 6 PNL-GND & HTD G/F



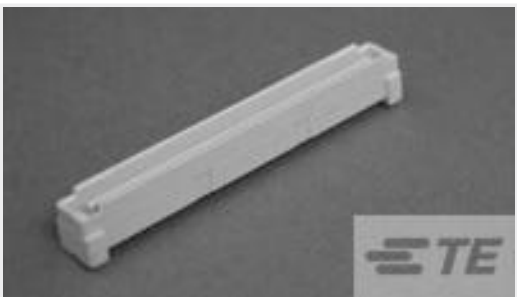
TE Part #9-2176316-4
MELF SMA-A 330K 1% 50PPM 0207 1W



TE Part #9-1393211-0
T92S11D12-24



TE Part #5-1775444-2
EMIX CONN., 1.5MM PITCH, HDR, R /A, 2P



TE Part #5179030-3
0.8FH,P07H.5,080,08/Sn,TU



TE Part #9-2176231-7
3522 100K 1% 3W



Documents

Product Drawings

RLP73M 2A R091 1% 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176053-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176053-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176053-7_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English