LR1F82R ✔ ACTIVE

NEOHM | NEOHM LR

TE Internal #: 1622580-1

82 ohm, Thin Metal Film, General Purpose Resistor, 1 %, .6 W, ±50 ppm/°C, Axial-Leaded, Copper Termination, 6.8 x 2.5 mm, Ammo Packed, NEOHM LR

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thin Metal Film**

Power Rating: **.6 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **82 Ω**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thin Metal Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	250 V
Power Rating	.6 W
Resistance Class	Up to 1kΩ
Resistance Value	82 Ω
Passive Component Tolerance	1 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	6.8 x 2.5 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Ammo Packed

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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 # 1622742-1
LR2 1% 39K



TE Part # 1614978-1
LR0204 1% 10K



TE Part # 1622367-1
LR1 1% 1M0



TE Part # 1622298-1
LR1 1% 10K



TE Part # 1622598-1
LR1L 5% R10

Also in the Series | NEOHM LR

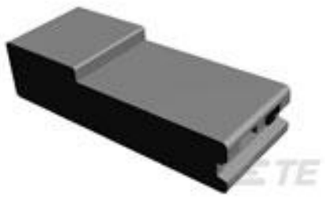


DIMM Sockets(5)



Through-Hole Resistors(490)

Customers Also Bought



TE Part #1-926539-7
250 FASTON HSG.,REC.,1 POS,BLACK



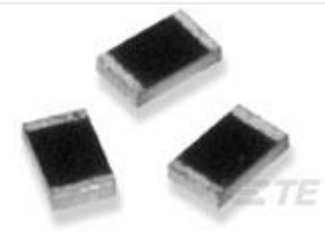
TE Part #1565158-1
SHIELD FINGER 1511



TE Part #1622435-1
LR1 1% 30R



TE Part #1622550-1
LR1 1% 68R



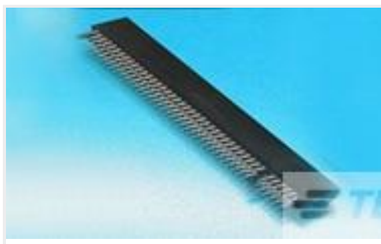
TE Part #1-1625867-2
RP 1J 0.166W 2K0 0.1% 25PPM 1K RL



TE Part #1676966-1
SMW2 R10 5%



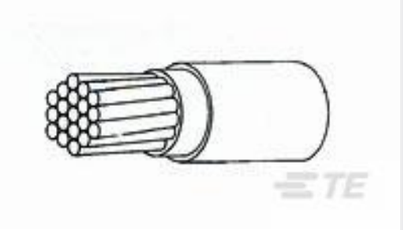
TE Part #3-2176349-1
CRGCQ 2512 3K3 1%



TE Part #5-5530843-0
CONN SEC II 10 POS 100C/L



TE Part #1-1423675-0
W57-XB7A4A10-20=CKTBKR,THERM,P



TE Part #1433003001
44A0111-20-9CK0001

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622580-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1622580-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622580-1_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

Metal Film Fixed Resistors - Type LR series

English