CPF0201D49R9E1 ✔ ACTIVE

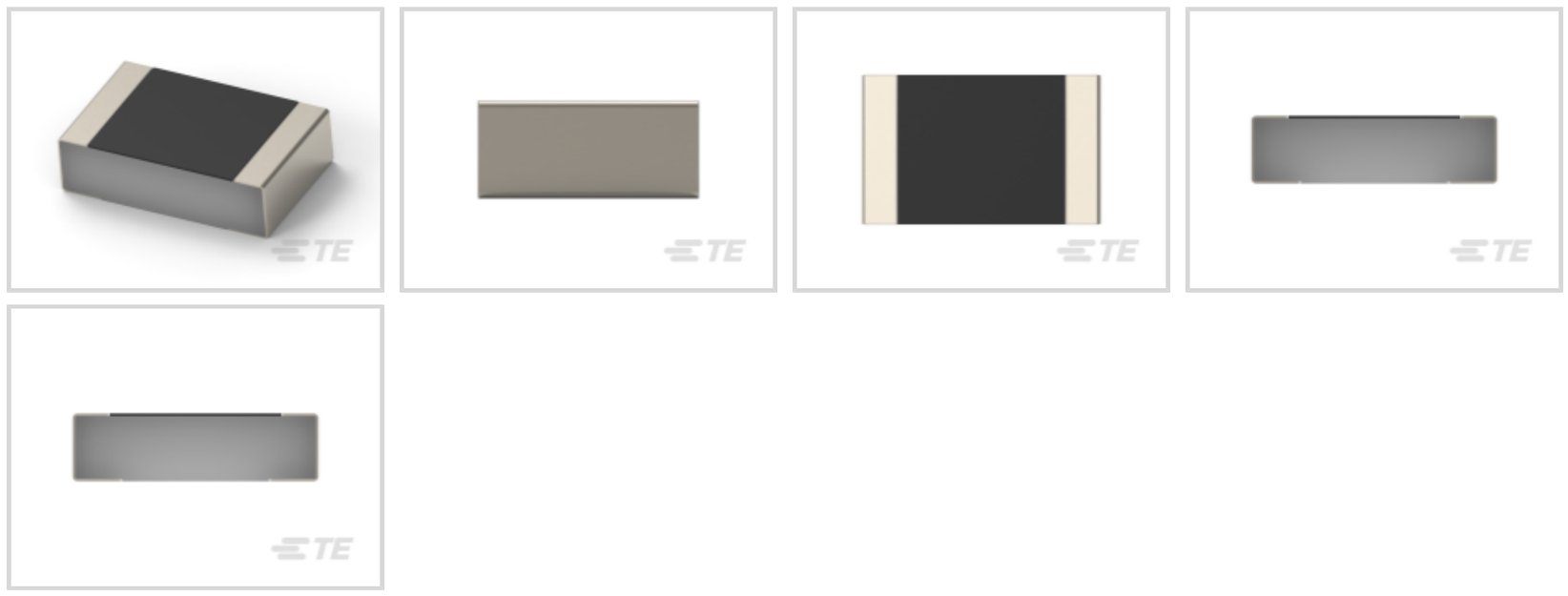
Neohm | Neohm CPF

TE Internal #: 2176072-1

Precision Resistor, Thin Film, 0201, .0313 W, 49.9 Ω, .5 %, ±25 ppm/°C, Solder, 2 Termination, Height .009 in [.23 mm], Neohm CPF

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0201**

Power Rating: **.0313 W**

Resistance Value: **49.9 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0201

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	15 V
Power Rating	.0313 W
Resistance Value	49.9 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.23 mm[.009 in]
Product Length	.58 mm[.023 in]
Product Width	.29 mm[.011 in]

Usage Conditions

Operating Temperature Range	-55 - 155 °C
Temperature Coefficient	±25 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

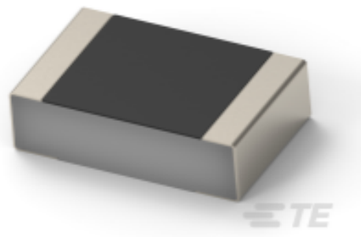
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

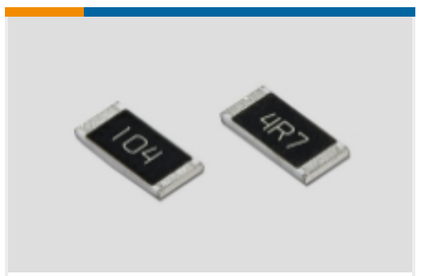
Compatible Parts



TE Part # 1-2176072-2
CPF 0201 64R9 0.5% 25PPM 1K RL

TE Part # 7-2176074-7
CPF 0201 49R9 0.5% 25ppm 10K RL

Also in the Series | Neohm CPF



Surface Mount Resistors(6124)

Customers Also Bought



TE Part # 5747846-5
25 MSFL RCPT RA 318 (SL,FM,BL)



TE Part # 2-2176231-2
3522 75R 1% 3W



TE Part # 535032-4
096 EURO TYPE C RECEPT AP ASSY



TE Part # 1825027-5
FSMRA2JH04=R/A,TACT PB SW,160G

TE Part # 650461-5
096 EURO TYPE R RECPT ASSY



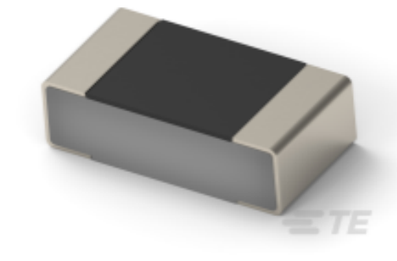
TE Part # 2-1625890-8
2W SM M/OX 5% 1R2



TE Part # 87220-4
04 MODII HDR SRST UNSHRD .100



TE Part # 5-146269-1
02 MODII HDR DRST B/A 100 W/HD



TE Part # 3-2176467-2
TLRP 1206 1.0W R030 1% 100PPM 5K RL

TE Part # 044579-E
ERMBUG L 6 1 172 E3 * J 2 44579 BUCHSENG

Documents

Product Drawings

CPF 0201 49R9 0.5% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176072-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176072-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176072-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

CPF-1016

English