# CPF-A-0805B150RE1 ✓ ACTIVE



#### Neohm | Neohm CPF

TE Internal #: 2-2176217-1

150  $\Omega$ , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805,

Taped & Reeled, .1 W, ±25 ppm/°C, Solder, 2 x 1.25 x .55 mm,

Neohm CPF

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Number of Terminations: 2 Package Size Code: **0805** 

Packaging Method: Taped & Reeled Passive Component Tolerance: .1 %

### **Features**

### **Product Type Features**

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0805
Element Type	Thin Film

# **Configuration Features**

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Number of Resistors		

#### **Electrical Characteristics**

Passive Component Tolerance	.1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	150 Ω
Power Rating	.1 W

#### **Termination Features**

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

#### **Dimensions**

Passive Component Dimensions	2 x 1.25 x .55 mm	
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## **Usage Conditions**

Temperature Coefficient ±25 ppm/°C	Temperature Coefficient	±25 ppm/°C
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#### **Packaging Features**

# **Product Compliance**

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

EU RoHS Directive 2011/65/EU	Compliant
LO NOTIS DIRECTIVE 2011/03/LO	Compilant
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: JUNE 2023 (235) 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





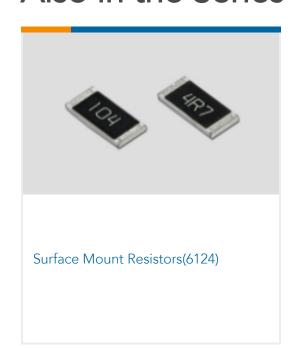








# Also in the Series | Neohm CPF



# Customers Also Bought













TE Part #9-1414778-5
RESOLVER V23401-D4010-C101

# **Documents**

#### **CAD Files**

3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_2-2176217-1\_BA.2d\_dxf.zip

English

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**Customer View Model** 

ENG\_CVM\_CVM\_2-2176217-1\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176217-1\_BA.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# Datasheets & Catalog Pages

Automotive Grade Thin Film Chip Resistor - Type CPF-A Series

English