

Neohm | Neohm CRGP

TE Internal #: 1-2176331-2

82 Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination,

2512, Taped & Reeled, 2 W, ±100 ppm/°C, Solder, Height .022 in [.

55 mm], Neohm CRGP

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: General Purpose Resistor

Number of Terminations: 2
Package Size Code: 2512

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

Surface Mount Resistor Termination Type

Features

Product Type Features

Resistor Type	General Purpose Resistor
Package Size Code	2512
Element Type	Thick Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	500 V
Passive Component Tolerance	1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	82 Ω
Power Rating	2 W
Termination Features	
Number of Terminations	2

Solder



Dimensions

Product Height	.55 mm[.022 in]
Product Length	6.35 mm[.25 in]
Product Width	3.2 mm[.126 in]

Usage Conditions

Packaging Features

Packaging Mathod	Tanad & Paalad
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: JAN 2024 (240) 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

82 Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ± 100 ppm/°C, Solder, Height .022 in [.55 mm], Neohm CRGP





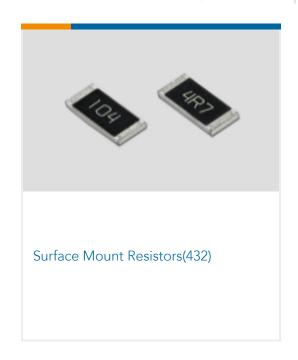








Also in the Series | Neohm CRGP



Customers Also Bought















Documents

Product Drawings

CRGP 2512 82R 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176331-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176331-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176331-2_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

CRGP Data Sheet

English