

Neohm | Neohm CRGP

TE Internal #: 3-2176328-6

8.2K Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 1206, Taped & Reeled, .5 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: 1206

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

Features

Product Type Features

Resistor Type	General Purpose Resistor
Package Size Code	1206
Element Type	Thick Film

Configuration Features

Number of Resistors 1	
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Electrical Characteristics

Operating Voltage	200 V
Passive Component Tolerance	1 %
Resistance Class	$1k\Omega - 1M\Omega$
Resistance Value	8.2K Ω
Power Rating	.5 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.55 mm[.022 in]
Product Length	3.1 mm[.122 in]



Product Width	1.55 mm[.061 in]
Usage Conditions	
Temperature Coefficient	±100 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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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

8.2K Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 1206, Taped & Reeled, .5 W, ± 100 ppm/°C, Solder, Height .022 in [.55 mm], Neohm CRGP





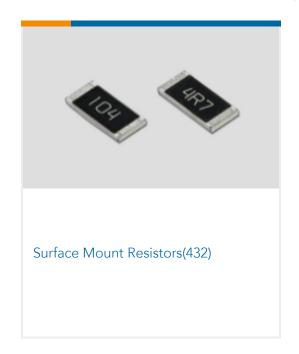








Also in the Series | Neohm CRGP



Customers Also Bought





















Documents

Product Drawings

CRGP 1206 8K2 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176328-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176328-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176328-6_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