

Neohm | Neohm CRGH TE Internal #: 1-2176186-0 680 Ω, Thick Film, Power Resistor, 1 %, 2 Termination, 1206, Taped & Reeled, .5 W, ±100 ppm/°C, Solder, 3.1 x 1.55 x .55 mm, Neohm CRGH

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor** Number of Terminations: **2** Package Size Code: **1206** Packaging Method: **Taped & Reeled** Passive Component Tolerance: **1%** 

### Features

#### **Product Type Features**

Number of Resistors1Number of Resistors1Lectrical Characteristics200 VVoltage Rating200 VPassive Component Tolerance1 %Resistance ClassUp to 1kΩResistance Value680 ΩPower Rating5WTermination FeaturesSUNumber of Terminations2Surface Mount Resistor Termination TypeSolderPassive Component Dimensions31 x 1.55 x.55 mm		
Package Size Code1206Package Size CodeThick FilmElement TypeThick FilmConfiguration Features1Number of Resistors1Pastive Component Tolerance200 VPassive Component Tolerance1%Resistance ClassUp to 1kQResistance Value680 QPower Rating5 WNumber of Terminations2Surface Mount Resistor Termination TypeSolderPassive Component Dimensions3.1 x 1.55 x.55 mm	Product Type	Fixed Resistor
Element TypeThick FilmConfiguration Features1Number of Resistors1Voltage Rating200 VPassive Component Tolerance1%Resistance ClassUp to 1kQResistance Value680 QPower Rating5.WNumber of Terminations2Surface Mount Resistor Termination TypeSiderPassive Component Dimensions3.1 x155 x.55 mm	Resistor Type	Power Resistor
Configuration Features     Number of Resistors   1     Fectrical Characteristics   200 V     Voltage Rating   200 V     Passive Component Tolerance   1%     Resistance Class   Up to 1kΩ     Resistance Value   680 Ω     Power Rating   .5 W     Termination Features   .5 W     Number of Terminations   2     Number of Terminations   2     Passive Component Dimensions   3.1 x 1.55 x.55 mm	Package Size Code	1206
Number of Resistors1Number of Resistors1Lectrical Characteristics200 VVoltage Rating200 VPassive Component Tolerance1 %Resistance ClassUp to 1kΩResistance Value680 ΩPower Rating5WTermination FeaturesSUNumber of Terminations2Surface Mount Resistor Termination TypeSolderPassive Component Dimensions31 x 1.55 x.55 mm	Element Type	Thick Film
Electrical Characteristics Voltage Rating 200 V Passive Component Tolerance 1% Resistance Class Up to 1kΩ Resistance Value 680 Ω Power Rating 5W Formination Features Number of Terminations 2 Number of Termination Type 3 Surface Mount Resistor Termination Type 3 Passive Component Dimensions 31 x 1.55 x.55 mm	Configuration Features	
Voltage Rating200 VPassive Component Tolerance1 %Resistance ClassUp to 1kΩResistance Value680 ΩPower Rating.5 WPower Rating.5 WNumber of Terminations2Surface Mount Resistor Termination TypeSolderDimensions.5 NPassive Component Dimensions.5 N	Number of Resistors	1
Passive Component Tolerance1%Passive Component ToleranceUp to 1kΩResistance Class680 ΩResistance Value5WPower Rating5WTermination Features2Number of Terminations2Surface Mount Resistor Termination TypeSolderDimensions3.1 x 1.55 x.55 mm	Electrical Characteristics	
Resistance ClassUp to 1kΩResistance Value680 ΩPower Rating.5 WTermination Features2Number of Terminations2Surface Mount Resistor Termination TypeSolderDimensions3.1 × 1.55 × .55 mm	Voltage Rating	200 V
Resistance Value680 ΩPower Rating5 WTermination Features2Number of Terminations2Surface Mount Resistor Termination TypeSolderDimensions3.1 × 1.55 × .55 mm	Passive Component Tolerance	1 %
Power Rating.5 WTermination Features2Number of Terminations2Surface Mount Resistor Termination TypeSolderDimensions	Resistance Class	Up to 1kΩ
Termination Features   Number of Terminations 2   Surface Mount Resistor Termination Type Solder   Dimensions 3.1 x 1.55 x .55 mm	Resistance Value	680 Ω
Number of Terminations2Surface Mount Resistor Termination TypeSolderDimensions	Power Rating	.5 W
Surface Mount Resistor Termination Type Solder   Dimensions 3.1 x 1.55 x .55 mm	Termination Features	
Dimensions   Passive Component Dimensions   3.1 x 1.55 x .55 mm	Number of Terminations	2
Passive Component Dimensions 3.1 x 1.55 x .55 mm	Surface Mount Resistor Termination Type	Solder
	Dimensions	
Usage Conditions	Passive Component Dimensions	3.1 x 1.55 x .55 mm
	Usage Conditions	

**C** For support call+1 800 522 6752

#### CRGH1206F680R

680 Ω, Thick Film, Power Resistor, 1 %, 2 Termination, 1206, Taped & Reeled, .5 W, ±100 ppm/°C, Solder, 3.1 x 1.55 x .55 mm, Neohm CRGH



Temperature Coefficient	±100 ppm/°C
Packaging Features	
Packaging Method	Taped & Reeled
<b>Product Compliance</b> 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) 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**



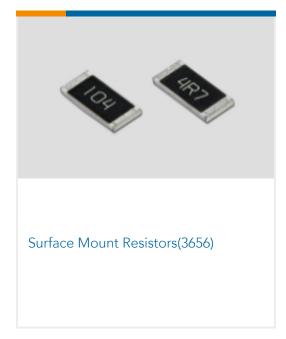
### CRGH1206F680R

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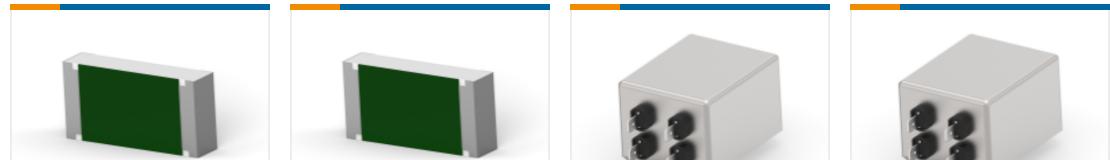




## Also in the Series | Neohm CRGH



# Customers Also Bought



-	TE	=TE	ETE	=TE
TE Part #7-2176397-6	TE Part #8-2176397-3	TE Part #4-1609966-1		4-1609966-2
3502 1K3 1%	3502 2K7 1%	KES 3A 1S SPADE WY		S SPADE WYE 520VAC



### Documents

### CAD Files

### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2176186-0\_BA.2d\_dxf.zip

English

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Customer View Model

ENG\_CVM\_CVM\_1-2176186-0\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176186-0\_BA.3d\_stp.zip

English

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

Datasheets & Catalog Pages

High Power Thick Film Chip Resistors

English

Product Environmental Compliance

**TE Material Declaration** 

English