CRGP1206F680R ✔ ACTIVE

Neohm | Neohm CRGP

TE Internal #: 2-2176328-3

680 ohm, Surface Mount General Purpose Resistor, Thick Film, 1206, .5 W, 1 %, ±100 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, Neohm CRGP

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **680 Ω**

Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **1206**

Power Rating: **.5 W**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	200 V
Resistance Value	680 Ω
Power Rating	.5 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

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	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

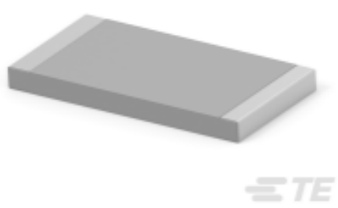
Product Compliance Disclaimer

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



TE Part # 4-2176328-7
CRGP 1206 68K 1%



TE Part # 4-2176331-2
CRGP 2512 27K 1%



TE Part # 5-2176325-0
CRGP 0402 120K 1%



TE Part # 5-2176327-8
CRGP 0805 560K 1%



TE Part # 3-2176325-8
CRGP 0402 12K 1%



TE Part # 3-2176327-7
CRGP 0805 10K 1%



TE Part # 5-2176325-5
CRGP 0402 330K 1%



TE Part # 5-2176327-6
CRGP 0805 390K 1%



TE Part # 1-2176329-3
CRGP 1210 100R 1%



TE Part # 2-2176326-8
CRGP 0603 1K8 1%



TE Part # 3-2176325-2
CRGP 0402 3K9 1%



TE Part # 5-2176326-9
CRGP 0603 680K 1%



TE Part # 5-2176330-7
CRGP 2010 470K 1%



TE Part # 4-2176325-0
CRGP 0402 18K 1%



TE Part # 4-2176325-6
CRGP 0402 56K 1%



TE Part # 4-2176327-8
CRGP 0805 82K 1%



TE Part # 4-2176329-3
CRGP 1210 33K 1%



TE Part # 4-2176327-7
CRGP 0805 68K 1%

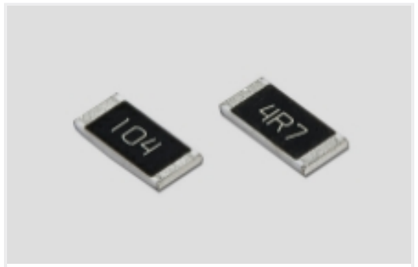


TE Part # 2-2176326-0
CRGP 0603 390R 1%



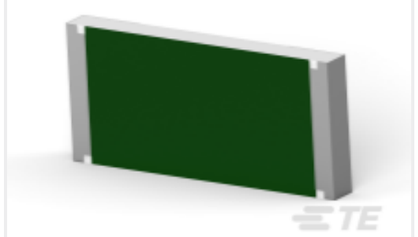
TE Part # 2176329-1
CRGP 1210 10R 1%

Also in the Series | Neohm CRGP



Surface Mount Resistors(420)

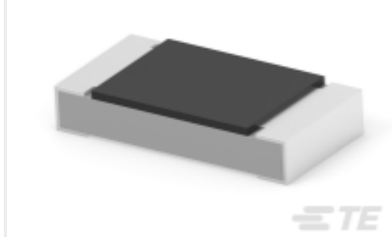
Customers Also Bought



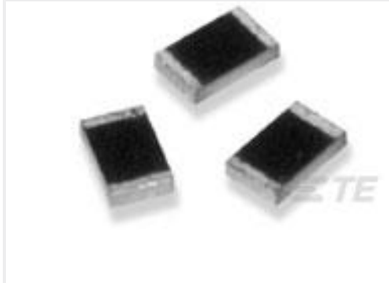
TE Part #6-2176403-0
3550 300R 1%



TE Part #7-1879222-6
CPF 0603 124R 0.1% 25PPM 1K RL



TE Part #1-2176579-6
RLC73M 2B R043 1% 1K RL



TE Part #1-1879276-6
RP 2A 6K34 0.1% 15PPM CUT LENGTH



TE Part #3-1625885-8
1W SM M/OX 5% 1R0



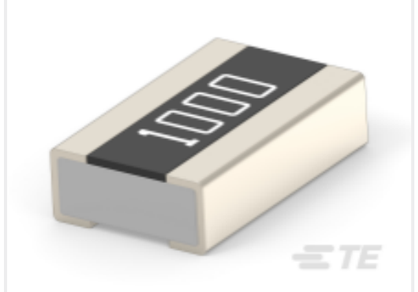
TE Part #2-1879023-0
3650 1008 0.18uH 5% 2K RL



TE Part #826632-7
7P AMPMODU II PIN HDR.



TE Part #6609021-9
10VB1=F7128 S0



TE Part #3-2176554-1
3430 A2 1% 16R 100ppm 1k RL



TE Part #3-2176093-2
RP 2A 0.25W 20K 0.1% 25PPM 1K RL

Documents

Product Drawings

CRGP 1206 680R 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176328-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176328-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2176328-3_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