



Passive Components > Resistors > Fixed Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: 2

Size Code: 0603

Packaging Method: **Taped & Reeled**

Tolerance: 1%

Features

Product Type Features

| | |
|---------------|--------------------------|
| Product Type | Fixed Resistor |
| Resistor Type | General Purpose Resistor |
| Size Code | 0603 |
| Element Type | Thick Film |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|------------------|---------------------------|
| Voltage Rating | 50 V |
| Tolerance | 1% |
| Resistance Range | 1k Ω – 1M Ω |
| Resistance | 2.2K Ω |
| Power Rating | .1 W |

Termination Features

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|------------------------|--------|
| Number of Terminations | 2 |
| Termination Type | Solder |

Mechanical Attachment

| | |
|-------------|---------------|
| Mount Style | Surface Mount |
|-------------|---------------|

Dimensions

| | |
|------------|-------------------|
| Dimensions | 1.6 x .8 x .45 mm |
|------------|-------------------|

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 2019 (197) Candidate List Declared Against: JAN 2019 (197) |
| 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 |

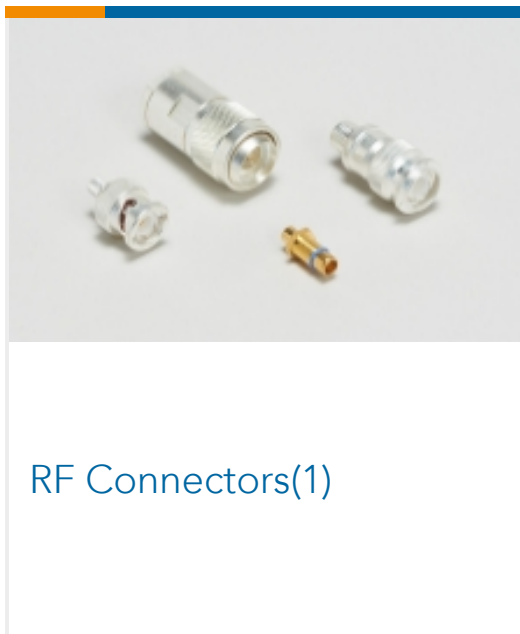
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | Neohm CRG



Customers Also Bought



Documents

[Product Drawings](#)
[CRG0603 1% 2K2](#)

English

[CAD Files](#)
[3D PDF](#)
3D



Customer View Model

[ENG_CVM_CVM_1622902-1_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1622902-1_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1622902-1_BA.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[Thick Film Chip Resistors - Type CRG series](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English