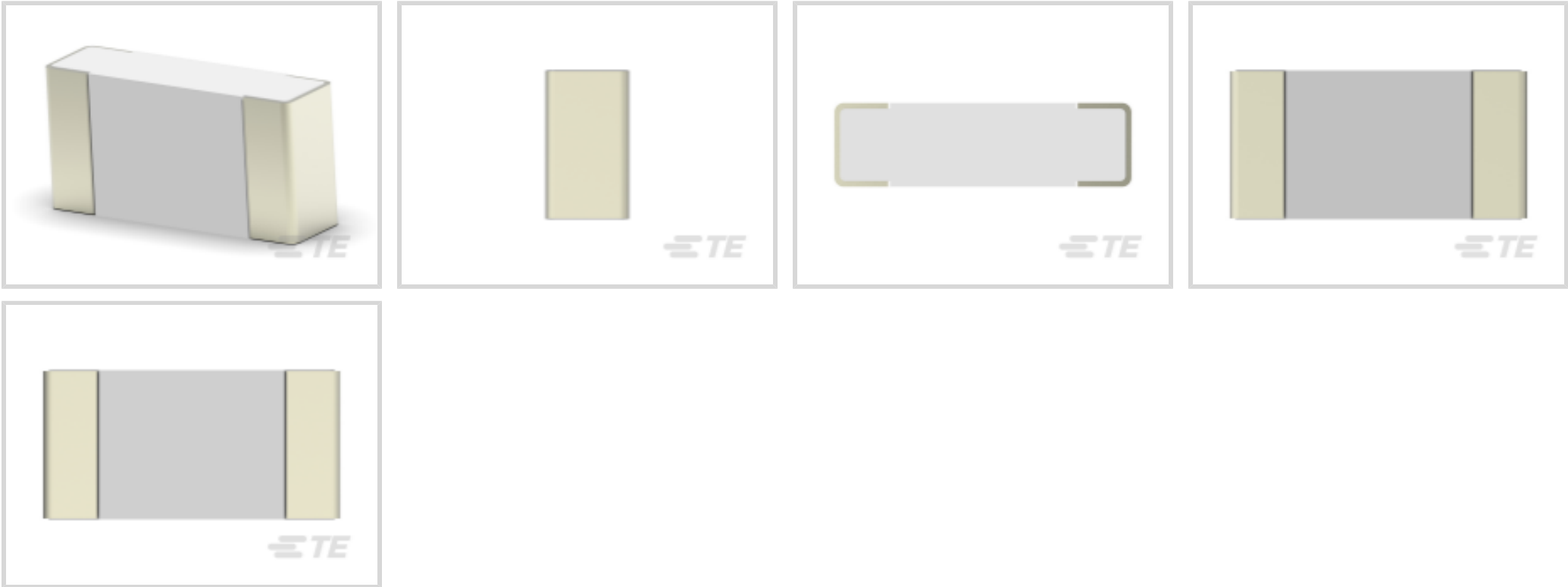




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.25 W**

Resistance Value: **2.2 Ω**

Features

Electrical Characteristics

Operating Voltage	50 V
Power Rating	.25 W
Resistance Value	2.2 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	0603

Configuration Features

Number of Resistors	1
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Termination Features

Surface Mount Resistor Termination Type	Steel Cap
Number of Terminations	2



Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.6 mm[.063 in]
Product Width	.8 mm[.031 in]

Usage Conditions

Temperature Coefficient	±400 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2176243-6
CRGS0603 5% 2R7

TE Part # 2176243-4
CRGS0603 5% 1R8

Also in the Series | [Neohm CRGS](#)

[Surface Mount Resistors\(208\)](#)

Customers Also Bought

TE Part #2-2176231-3
3522 82R 1% 3W

TE Part #42437-2
250 FASTON REC 14-10 AWG TPBR

TE Part #63698-1
FASTON .187 (4.75 MM) ADAPTER
TPBR

TE Part #1776260-2
2P Spring TB, 180deg, VT,5.08mm,
Green

TE Part #1-2834015-6
6POS 2.54MM TES CONN.

TE Part #9-1437565-9
FSMRACD=R/A,TACTILE,PB SWITCH

TE Part #2176326-3
CRGP 0603 15R 1%

TE Part #1071313001
100G0111-0.75-0

CRGS0603J2R2

Surface Mount General Purpose Resistor, Thick Film, 0603, .25 W, 2.2 ohm, 5 %, ±400 ppm/°C, Steel Cap, 2 Terminations, Neohm CRGS



Documents

Product Drawings

CRGS0603 5% 2R2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176243-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176243-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176243-5_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SMD Anti-Surge Thick Film Chip Resistor - Type CRGS Series - Tyco Electronics Passives

English