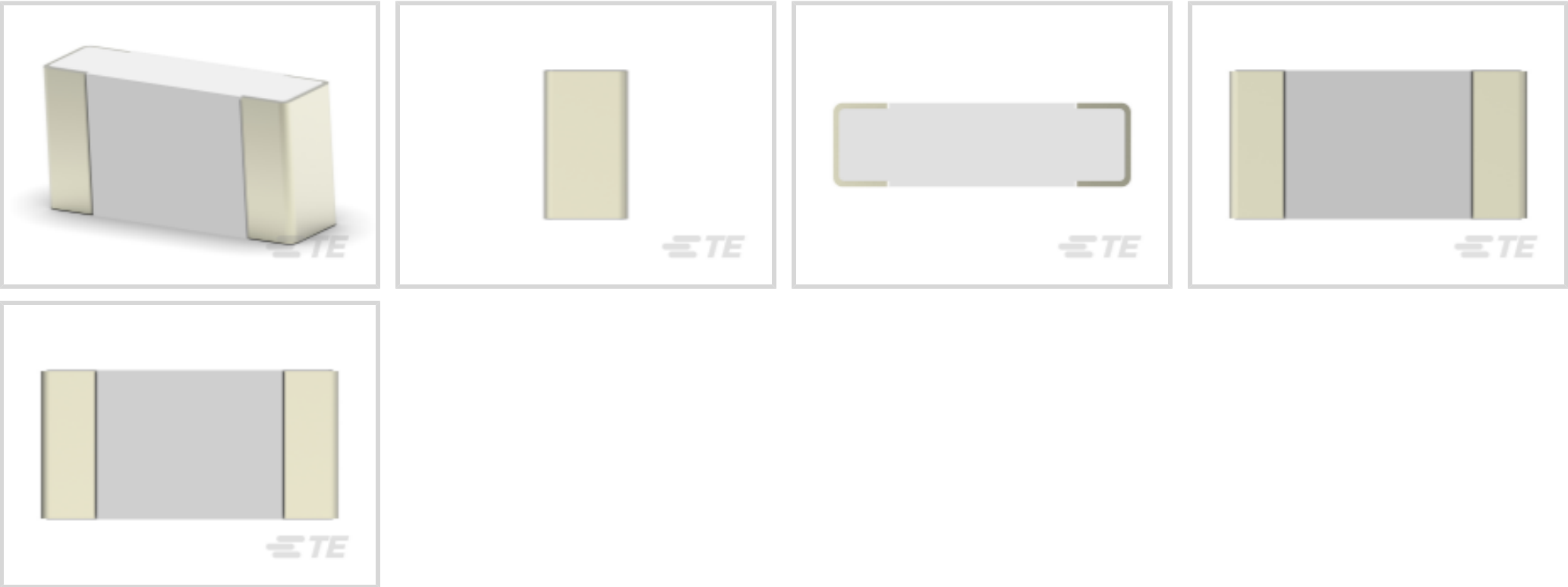




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **0603**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Voltage Rating	50 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	4.7 $\Omega$
Power Rating	.25 W

Termination Features

Number of Terminations	2
------------------------	---



Surface Mount Resistor Termination Type	Steel Cap
---	-----------

Dimensions

Passive Component Dimensions	1.6 x .8 x .45 mm
------------------------------	-------------------

Usage Conditions

Temperature Coefficient	$\pm 400$ ppm/ $^{\circ}\text{C}$
-------------------------	-----------------------------------

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	Not reviewed for solder process capability

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 # 1-2176243-0  
CRGS0603 5% 5R6

TE Part # 2176243-8  
CRGS0603 5% 3R9

Also in the Series | Neohm CRGS

Surface Mount Resistors(428)

Customers Also Bought

TE Part #8-215570-4  
MICRO-MATCH PBC.14P

TE Part #2205064-3  
CA MICRO-MATCH MOW-MOW 12POS

TE Part #2309411-1  
DDR4 SODIMM 260P 8.0H STD

TE Part #350711-1  
06P UMNL PIN HDR ASSY 94V0

TE Part #1-1825910-8  
FSM10JH=6MM TACT SWITCH, HIGH TEMP

TE Part #350211-1  
04P CMNL HDR ASSY PC

TE Part #2-2176403-5  
3550 10R 1%

TE Part #141878-2  
250 FASTON,TAB,TPBR

TE Part #2336568-1  
RECEPT ASSY, RA, 168 POS, SLIVER 2.0



Documents

Product Drawings

CRGS0603 5% 4R7

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2176243-9\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2176243-9\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2176243-9\_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English