CRGS0603J220R ✔ ACTIVE

NEOHM | NEOHM CRGS

TE Internal #: 2-2176243-9

220 ohm, Thick Film, General Purpose Resistor, 5 %, 0603, .25 W, ±100 ppm/°C, Steel Cap, 2 Terminations, .45 mm [.018 in] Height, NEOHM CRGS

View on TE.com >

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: **220 Ω**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	50 V
Power Rating	.25 W
Resistance Value	220 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

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	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

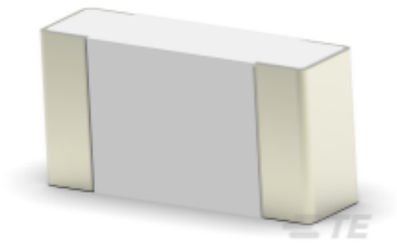
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

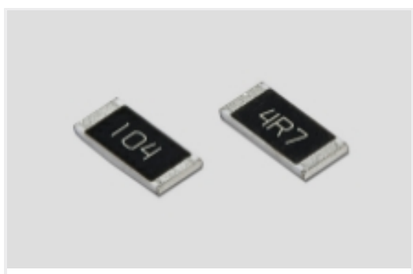
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-2176243-8
CRGS0603 5% 180R

Also in the Series | NEOHM CRGS



Surface Mount Resistors(208)

Customers Also Bought



TE Part #8-1614882-2
CPF 0603 390K 0.1% 25PPM 5K RL



TE Part #7-1614894-1
CPF0805 1M1 0.1% 25PPM 5K RL



TE Part #1622900-1
CRG0603 1% 27R



TE Part #1623117-1
CRG0805 1% 150R



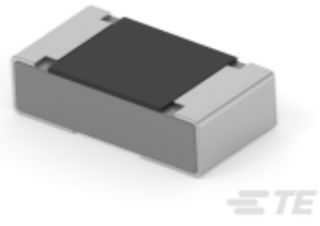
TE Part #1623171-1
CRG0805 1% 27R



TE Part #9-1879134-4
RN 0603 90K9 0.1% 10PPM 1K RL



TE Part #5-2176217-1
CPF A 0805 15K 0.1% 25PPM 1K RL



TE Part #5-2176474-5
RA73F 1J 2K0 0.1% 1K RL



TE Part #2423852-1
Flat Bandage TCS 12.7 L25m



TE Part #5-826947-0
MOD2 PIN HEADER 50P

Documents

Product Drawings

CRGS0603 5% 220R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176243-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176243-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2176243-9_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