CRG0805F510R ✔ ACTIVE

Neohm | Neohm CRG

TE Internal #: 1623243-1

General Purpose Resistor, Thick Film, 0805, .125 W, 510 Ω, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Neohm CRG

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors

Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0805**

Power Rating: **.125 W**

Resistance Value: **510 Ω**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	0805

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	150 V
Power Rating	.125 W
Resistance Value	510 Ω
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	2 mm[.079 in]
Product Width	1.25 mm[.049 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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (2.7% in component part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1623097-1
CRG0805 1% 10K

TE Part # 1623404-1
CRG1206 1% 10K

TE Part # 1622829-1
CRG0603 1% 10K

TE Part # 1676480-1
CRG0402 1% 100K

TE Part # 1-1622826-8
CRG0402 5% 1K0

Also in the Series | Neohm CRG

Surface Mount Resistors(653)

Customers Also Bought

TE Part # 4-1676966-7
SMW2 8R2 5%

TE Part # 1623097-3
CRG0805 1% 10K 10K RL

TE Part # 1-2176185-3
CRGH0805 1% 4K7 0.33W

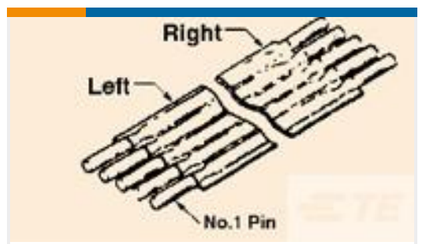
TE Part # 2-2176092-2
RP 2A 0.25W 1K1 0.1% 25PPM 1K RL

TE Part # 1623104-1
CRG0805 1% 11K

TE Part # 1-2176339-8
CRGCQ 0603 270R 1%

TE Part # 5-2176341-4
CRGCQ 0805 270K 1%

TE Part # 1-2176341-9
CRGCQ 0805 330R 1%



TE Part # 6-1437187-7
FST-22A-20

Documents

Product Drawings

CRG0805 1% 510R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623243-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1623243-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623243-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Thick Film Chip Resistors - Type CRG series

English