CRG0805F51R ✔ ACTIVE

Neohm | Neohm CRG

TE Internal #: 1623246-1

General Purpose Resistor, Thick Film, 0805, .125 W, 51 ohm, 1 %, ±200 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], 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: **51 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	51 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	±200 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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) 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 # 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(614)

Customers Also Bought



TE Part #HD36-24-23SN-059
PLG,23P,AL,N, CBL CLMP BT, DRAIN, 16,S,MC



TE Part #1623214-1
CRG0805 1% 3K3



TE Part #1623251-1
CRG0805 1% 560K

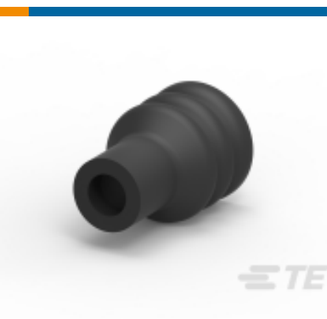


TE Part #3-2176326-4
CRGP 0603 5K6 1%

TE Part #5053162047
RNF-100-3/8-4-STK



TE Part #1-174263-1
E-J MK-2 PLUG HSG 6P NATURAL



TE Part #2822355-1
070 TYPE RUBBER PLUG M



TE Part #2822356-1
070 TYPE NEW RUBBER PLUG S



TE Part #HD10-5BT
BOOT, 5P, PLG/REC, ST, GRY

Documents

Product Drawings

CRG0805 1% 51R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623246-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1623246-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623246-1_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Thick Film Chip Resistors - Type CRG series

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 2-292161-3 2380312-2 SBCHE154R7K 1903112-2 2310537-1 3-1393225-0 CPF0402B37K4E1 TE50BR39J U5254-000005-030PA 1743455-2 650075-000 917696-1 936348-1 SMW73R0JT 141991-2 2005330-1 2377783-2 3631B101LL CRGCQ2010J3K3 MPT100C18RF RH73H2A40MKTN 1-962915-1 1393431-1 2834055-1 3430B2F51RTDF ROX05SJ18R 1-794222-0 1969656-1 SBCHE64R7K