CRGH0603F220K ✔ ACTIVE

Neohm | Neohm CRGH

TE Internal #: 3-2176177-9

Neohm CRGH, Surface Mount Resistors, Power Resistor, 2 Terminations, Size Code 0603, Taped & Reeled, 1%, Thick Film, Resistance Range 1kΩ – 1MΩ Ω

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Size Code: **0603**

Packaging Method: **Taped & Reeled**

Tolerance: **1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Size Code	0603
Element Type	Thick Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	50 V
Tolerance	1%
Resistance Range	1kΩ – 1MΩ Ω
Resistance	220K Ω
Power Rating	.2 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount

Dimensions

Dimensions	1.6 x .8 x .45 mm

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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 9-1879510-1
CRGH0805 1% 10K 0.33W



TE Model / Part # 1-1879502-0
CRGH2512 5% 33K 2W



TE Model / Part # 1879513-1
CRGH1206 1% 10R 0.5W

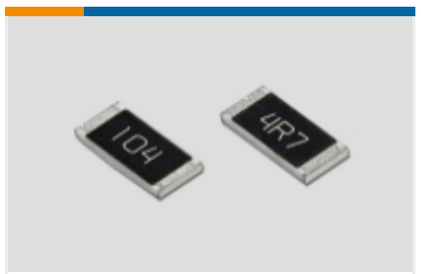


TE Model / Part # 6-1879501-0
CRGH2512 5% 300R 2W



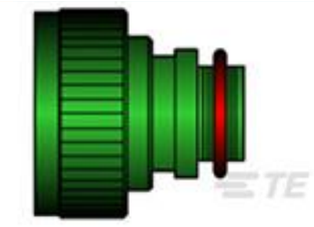
TE Model / Part # 3-1879523-9
CRGH2512 1% 24R9 2W

Also in the Series | Neohm CRGH



Surface Mount Resistors(3661)

Customers Also Bought



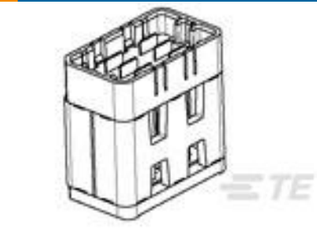
TE Model / Part #996637-000
TXR40AB00-0806AI



TE Model / Part #3-1676123-7
1/2W SM M/OX 5% 27R



TE Model / Part #7-1415539-5
RTD14A05



TE Model / Part #7-2149520-5
STRADA MESA,HD,HF,000,000,06,SN,N,25



TE Model / Part #4-2176177-1
CRGH0603 1% 330K 0.2W



TE Model / Part #4-2176177-3
CRGH0603 1% 470K 0.2W



TE Model / Part #4-2176177-4
CRGH0603 1% 560K 0.2W



TE Model / Part #5-1623925-1
CFR100 5% 8K2



TE Model / Part #2-2319847-2
END STACK DIP 1P G RAISED T&R



TE Model / Part #1617139-3
MAWD-26 = MAD T05 DIODE RELAY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176177-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176177-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176177-9_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

High Power Thick Film Chip Resistors

English

Product Environmental Compliance

TE Material Declaration

English