



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Chip Resistor**
Number of Terminations: **2**
Package Size Code: **0603**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Chip Resistor
Package Size Code	0603
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	50 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	22 Ω
Power Rating	.2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	1.6 x .8 x .45 mm
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Usage Conditions



Temperature Coefficient	± 200 ppm/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Taped & Reeled
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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 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	Reflow solder capable to 260 $^{\circ}\text{C}$

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 # 9-1879510-1 CRGH0805 1% 10K 0.33W	 TE Part # 1-1879502-0 CRGH2512 5% 33K 2W	 TE Part # 1879513-1 CRGH1206 1% 10R 0.5W	 TE Part # 6-1879501-0 CRGH2512 5% 300R 2W
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TE Part # 3-1879523-9
[CRGH2512 1% 24R9 2W](#)

Also in the Series | [Neohm CRGH](#)



[Surface Mount Resistors\(3656\)](#)

Customers Also Bought



TE Part #2176070-2
[3521 11R 1% 2W](#)



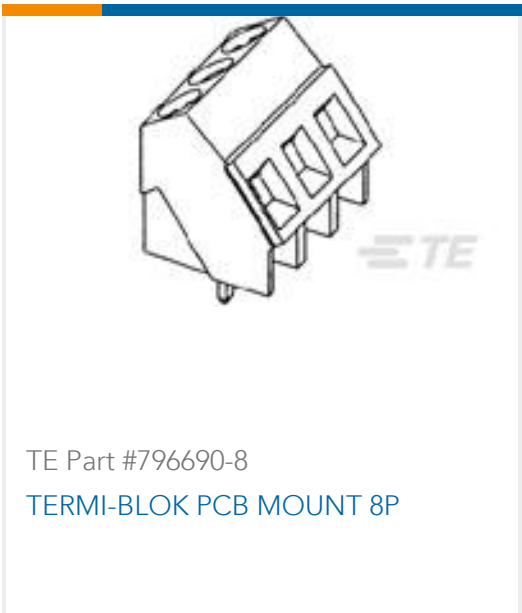
TE Part #G-MRCO-055
[1MM PITCH AMR POSITION SENSOR KMXR - VER](#)



TE Part #9-1879213-1
[CPF 0402 261R 0.1% 25PPM 1K RL](#)



TE Part #9-1879028-1
[RN 0805 464K 0.1% 10PPM 1K RL](#)



TE Part #796690-8
[TERMI-BLOK PCB MOUNT 8P](#)



TE Part #8-2176087-6
[RP 1J 0.166W 536R 0.1% 25PPM 1K RL](#)



TE Part #1-2176325-8
[CRGP 0402 270R 1%](#)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_8-1879507-9_BA.2d_dxf.zip](#)

[English](#)

CRGH0603F22R

22 Ω , Thick Film, Chip Resistor, 1 %, 2 Termination, 0603, Taped & Reeled, .2 W, ± 200 ppm/ $^{\circ}\text{C}$, Solder, 1.6 x .8 x .45 mm, Neohm CRGH



Customer View Model

[ENG_CVM_CVM_8-1879507-9_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1879507-9_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