



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **High Value/High Voltage Resistor**

Element Type: **Thick Film**

Package Size Code: **2010**

Power Rating: **.5 W**

Resistance Value: **1M Ω**

Features

Product Type Features

Resistor Type	High Value/High Voltage Resistor
Element Type	Thick Film
Package Size Code	2010

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	200 V
Power Rating	.5 W
Resistance Value	1M Ω
Resistance Class	1M Ω - 1G Ω
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	5 mm[.197 in]
Product Width	2.5 mm[.098 in]



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	Not Compliant
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: JAN 2024 (240) 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 # 2-1879539-9 CRGV2512 1% 100K 1600V	 TE Part # 2-1879532-0 CRGV2512 5% 330K 1600V	 TE Part # 1879528-1 CRGV0603 5% 100K 400V	 TE Part # 1-1879528-5 CRGV0603 5% 390K 400V
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CRGV2010F1M0

High Value/High Voltage Resistor, Thick Film, 2010, .5 W, 1M Ω , 1 %, ± 200 ppm/ $^{\circ}\text{C}$, Solder, 2 Termination, Height .022 in [.55 mm], Neohm CRGV



TE Part # 3-1879530-3
[CRGV1206 5% 2M2 1000V](#)

TE Part # 3-1879530-4
[CRGV1206 5% 2M4 1000V](#)

TE Part # 4-1879537-3
[CRGV2010 1% 1M5 3000V](#)

TE Part # 2-1879531-6
[CRGV2010 5% 560K 3000V](#)

TE Part # 4-1879531-9
[CRGV2010 5% 5M1 3000V](#)

TE Part # 1879533-1
[CRGV0603 1% 100K 400V](#)

TE Part # 1879533-2
[CRGV0603 1% 102K 400V](#)

TE Part # 1879533-3
[CRGV0603 1% 105K 400V](#)

TE Part # 1879533-4
[CRGV0603 1% 107K 400V](#)

TE Part # 1879533-5
[CRGV0603 1% 110K 400V](#)

TE Part # 1879533-6
[CRGV0603 1% 113K 400V](#)

TE Part # 1879533-7
[CRGV0603 1% 115K 400V](#)

TE Part # 1879533-8
[CRGV0603 1% 118K 400V](#)

TE Part # 1879533-9
[CRGV0603 1% 121K 400V](#)

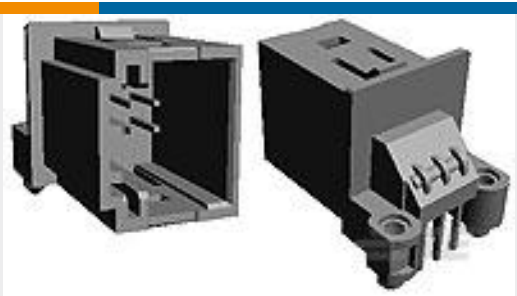
TE Part # 1-1879533-0
[CRGV0603 1% 124K 400V](#)

TE Part # 1-1879533-1
[CRGV0603 1% 127K 400V](#)

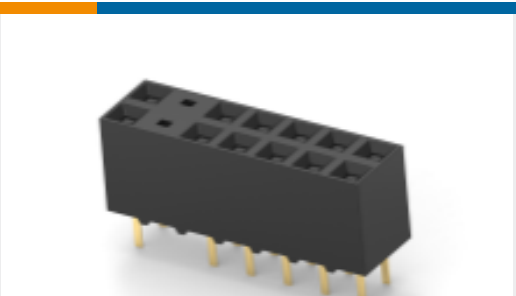
Also in the Series | [Neohm CRGV](#)

[Surface Mount Resistors\(992\)](#)

Customers Also Bought



TE Part # 953440-4
6pos MQS .63 header 90deg



TE Part # 533034-3
14 MODII VRT DR CE 150/140



TE Part # 3-794623-2
02P MICRO MNL ASSY,R/A,SMT,LF



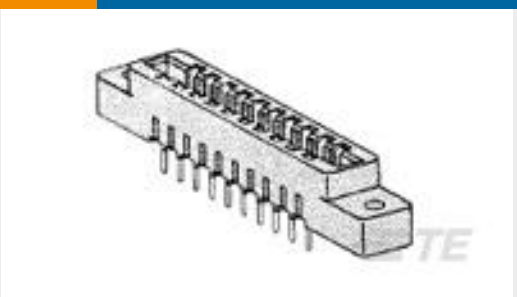
TE Part # 2-2170754-9
CAGE ASSY, QSFP28 1X1, GASKET, HS, LP



TE Part # 5-146138-6
08 MODIV VRT SR CE 100/115



TE Part # 7-104909-1
22 MTE HDR SRST LATCH W/HLDWN



TE Part # 7-530655-1
CONN LOW PRO 6 POS 156X200C/L

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1879537-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1879537-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1879537-6_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

High Voltage Thick Film Chip Resistors - Type CRGV series

English