CRGV2010F1M5 ✔ ACTIVE

NEOHM | NEOHM CRGV

TE Internal #: 4-1879537-3

1.5M ohm, Thick Film, High Value/High Voltage Resistor, 1 %, 2010, .5 W, ±200 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, NEOHM CRGV

View on TE.com >

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: **1.5M 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

Electrical Characteristics

Operating Voltage	200 V
Power Rating	.5 W
Resistance Value	1.5M Ω
Resistance Class	1MΩ – 1GΩ
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/°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	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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-1879529-7
CRGV0805 5% 470K 800V



TE Part # 1-1879538-1
CRGV2010 1% 7M5 3000V



TE Part # 1-1879535-0
CRGV1206 1% 124K 1000V



TE Part # 1-1879532-4
CRGV2512 5% 180K 1600V



TE Part # 1-1879532-8
CRGV2512 5% 270K 1600V



TE Part # 1-1879534-2
CRGV0805 1% 130K 800V



TE Part # 1-1879537-0
CRGV2010 1% 681K 3000V



TE Part # 1-1879537-8
CRGV2010 1% 825K 3000V



TE Part # 1-1879530-6
CRGV1206 5% 430K 1000V



TE Part # 1-1879534-0
CRGV0805 1% 124K 800V



TE Part # 1-1879534-3
CRGV0805 1% 133K 800V



TE Part # 1-1879529-6
CRGV0805 5% 430K 800V



TE Part # 1-1879532-6
CRGV2512 5% 220K 1600V



TE Part # 1-1879535-5
CRGV1206 1% 140K 1000V



TE Part # 1-1879534-6
CRGV0805 1% 143K 800V



TE Part # 1-1879536-8
CRGV2010 1% 76K8 3000V



TE Part # 1-1879540-8
CRGV2512 1% 825K 1600V



TE Part # 1-1879541-6
CRGV2512 1% 8M45 1600V

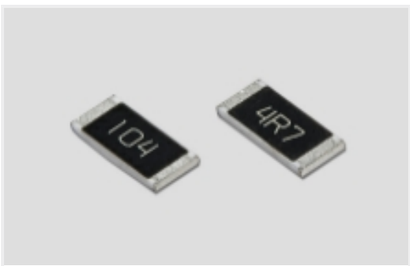


TE Part # 1-1879529-0
CRGV0805 5% 240K 800V



TE Part # 1-1879531-1
CRGV2010 5% 130K 3000V

Also in the Series | NEOHM CRGV



Surface Mount Resistors(992)

Customers Also Bought



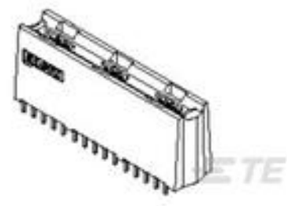
TE Part #6-1676481-1
CPF 0603 2K0 0.1% 25PPM 1K RL



TE Part #7-1879215-4
CPF 0402 26K7 0.1% 25PPM 1K RL



TE Part #3-1879216-3
CPF0402 160K 0.1% 25PPM 1K RL



TE Part #6650383-1
284-0102-11300=CONN,SKT,COMP

Documents

Product Drawings

CRGV2010 1% 1M5 3000V

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1879537-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1879537-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1879537-3_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