CRGH0805F680R ✔ ACTIVE

Neohm | Neohm CRGH

TE Internal #: 2176185-5

680 Ω, Thick Film, Power Resistor, 1 %, 2 Termination, 0805, Taped & Reeled, .33 W, ±100 ppm/°C, Solder, 2 x 1.25 x .55 mm, Neohm CRGH

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **0805**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Package Size Code	0805
Element Type	Thick Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	150 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	680 Ω
Power Rating	.33 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	2 x 1.25 x .55 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: 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°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



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

Also in the Series | Neohm CRGH



Surface Mount Resistors(3656)

Customers Also Bought



TE Part #4-2176327-9
CRGP 0805 100K 1%



TE Part #1-2176327-3
CRGP 0805 100R 1%



TE Part #2-2176327-5
CRGP 0805 1K0 1%



TE Part #2-2176327-8
CRGP 0805 1K8 1%



TE Part #6-2176327-1
CRGP 0805 1M0 1%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176185-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176185-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176185-5_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