# CRGH2512J120R ✔ ACTIVE

NEOHM | NEOHM CRGH

TE Internal #: 5-1879501-1

120 ohm, Thick Film, Power Resistor, 5 %, 2512, 2 W, ±100 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, 6.35 mm [.25 in] Length, NEOHM CRGH

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **2512**

Power Rating: **2 W**

Resistance Value: **120 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Thick Film |
| Package Size Code | 2512 |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 V |
| Power Rating | 2 W |
| Resistance Value | 120 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 5 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

### Dimensions

| | |
|---|---|
| Product Height | .55 mm[.022 in] |
| Product Length | 6.35 mm[.25 in] |
| Product Width | 3.2 mm[.126 in] |

## 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 | Not Compliant |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 1879513-1
CRGH1206 1% 10R 0.5W




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




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

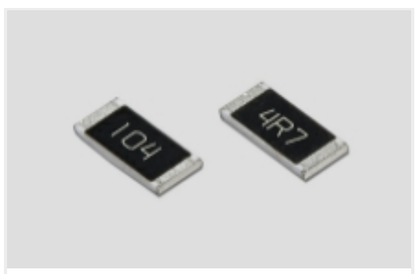



TE Part # 1-1879502-0
CRGH2512 5% 33K 2W




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

## Also in the Series | NEOHM CRGH




Surface Mount Resistors(3655)

## Customers Also Bought




TE Part #1622897-1
CRG0603 1% 270R




TE Part #1622952-1
CRG0603 1% 47K



TE Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F



TE Part #9-1879336-5
CPF 0603 2K21 1% 50PPM 1K RL



TE Part #1932258-1
Std USB 3.0, Type A, R/A, T/H,



TE Part #2176093-5
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



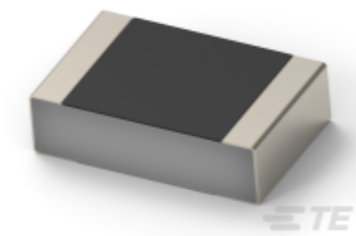

TE Part #2-2176339-5
CRGCQ 0603 1K0 1%




TE Part #3-2176339-3
CRGCQ 0603 4K7 1%




TE Part #4-2176339-0
CRGCQ 0603 18K 1%



TE Part #2176453-1
CPF 0201 5K76 0.1% 25ppm 1K RL

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1879501-1_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1879501-1_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1879501-1_BB.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 Power Thick Film Chip Resistors

English