# CRGH2512F169R ✔ ACTIVE

NEOHM | NEOHM CRGH

TE Internal #: 2-1879524-0

169 ohm, Thick Film, Power Resistor, 1 %, 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: **169 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 | 200 V |
| Power Rating | 2 W |
| Resistance Value | 169 Ω |
| Resistance Class | Up to 1kΩ |
| 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 | 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 | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.1% in Component Part)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 # 1-1879502-0
CRGH2512 5% 33K 2W



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



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

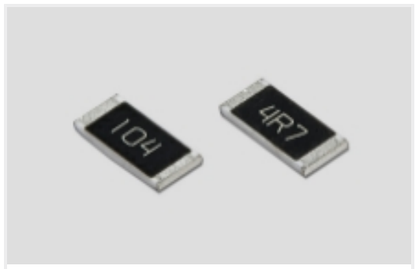


TE Part # 6-1879501-0
CRGH2512 5% 300R 2W



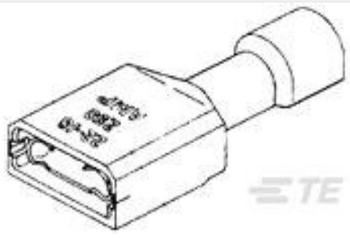
TE Part # 1879513-1
CRGH1206 1% 10R 0.5W

## Also in the Series | NEOHM CRGH

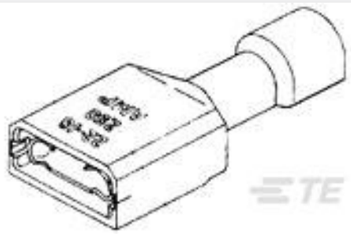


Surface Mount Resistors(3655)

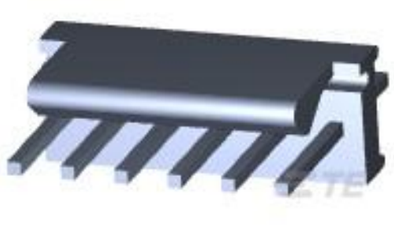
## Customers Also Bought



TE Part #2-520084-2
ULTRAFAST 110 ASSY REC 22-18 TPBR LP



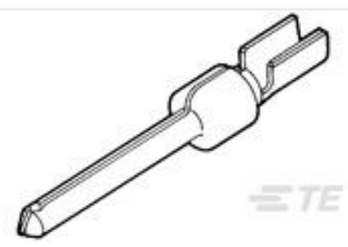
TE Part #3-520408-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #3-641126-6
06P MTA100 HDR ASY FL/STR LF



TE Part #2-644486-9
09P MTA100 SHRDED HDR ASSY SN



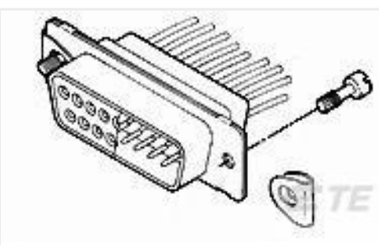
TE Part #745229-4
PIN CONT 20DF L.P.



TE Part #5145098-1
CONNECTOR ASSEMBLY, DUAL POSIT



TE Part #5205208-1
CRIMP SNAP PLUG ASSY, 25 POS



TE Part #5205980-1
SCREW RETAINER KIT



TE Part #5747836-4
09 MSFL RCPT RA 590 (IN,FM,BL)



TE Part #398741-000
TTMS-9.5-9

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1879524-0_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1879524-0_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1879524-0_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