



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Chip Resistor**  
Number of Terminations: **2**  
Package Size Code: **1206**  
Packaging Method: **Taped & Reeled**  
Passive Component Tolerance: **1 %**

Features

Product Type Features

|                   |                |
|-------------------|----------------|
| Product Type      | Fixed Resistor |
| Resistor Type     | Chip Resistor  |
| Package Size Code | 1206           |
| Element Type      | Thick Film     |

Configuration Features

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

Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Voltage Rating              | 200 V             |
| Passive Component Tolerance | 1 %               |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | 47 $\Omega$       |
| Power Rating                | .5 W              |

Termination Features

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

Dimensions

|                              |                     |
|------------------------------|---------------------|
| Passive Component Dimensions | 3.1 x 1.55 x .55 mm |
|------------------------------|---------------------|

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                   | 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)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (2.71% in Component part)<br><b>Article Safe Usage Statements:</b><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, 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

CRGH1206F47R

47  $\Omega$ , Thick Film, Chip Resistor, 1 %, 2 Termination, 1206, Taped & Reeled, .5 W,  $\pm 200$  ppm/ $^{\circ}\text{C}$ , Solder, 3.1 x 1.55 x .55 mm, Neohm CRGH



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 #3-647502-6  
06P MTA100 SMT ASSY,SN,TAPE, LF

TE Part #6609016-5  
3ED1=F7072 S0

TE Part #2-2176056-3  
RLP73N 2B R082 5% 5K RL

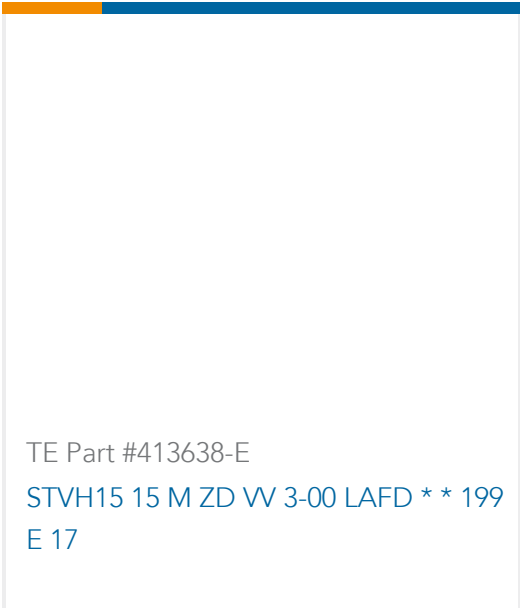
TE Part #1-2834238-1  
3P REC, IP67 R/A T/H CONN,NATURE

TE Part #215876-1  
6/6 PCB MOD.JACK SE

TE Part #1776261-2  
Bd Mt Screwless, 5.0mm, Side W

TE Part #5-2301996-5  
RJ45 JACK INT.MAG. 10/100 LED 1X2 INV.

TE Part #CSI-RGFE-300-UFFR  
RP-SMA to U.FL/MHF1 300mm 1.13 OD



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_9-1879517-4\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-1879517-4\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-1879517-4\_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