# CRGP2512F18K ✔ ACTIVE

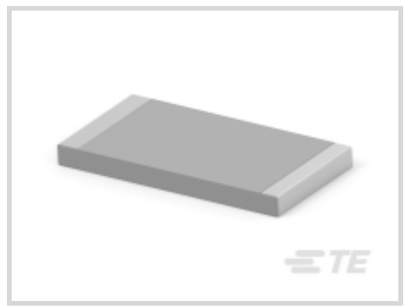
Neohm | Neohm CRGP

TE Internal #: 4-2176331-0

18K Ω, Thick Film, General Purpose Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ±100 ppm/°C, Solder, Height .022 in [.55 mm], Neohm CRGP

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | General Purpose Resistor |
| Package Size Code | 2512 |
| Element Type | Thick Film |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 500 V |
| Passive Component Tolerance | 1 % |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 18K Ω |
| Power Rating | 2 W |

### Termination Features

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

## Dimensions

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|---|---|
| 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 | 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 # 2176326-2
CRGP 0603 12R 1%



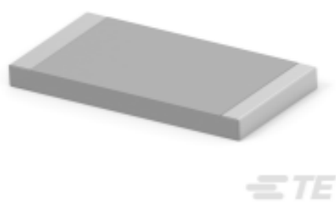
TE Part # 5-2176327-4
CRGP 0805 270K 1%



TE Part # 2-2176328-3
CRGP 1206 680R 1%



TE Part # 6-2176330-1
CRGP 2010 1M0 1%



TE Part # 4-2176331-9
CRGP 2512 100K 1%

## Also in the Series | Neohm CRGP

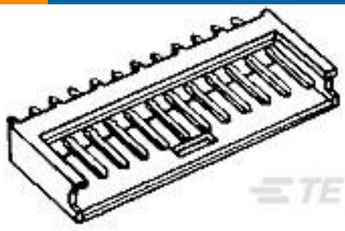


Surface Mount Resistors(432)

## Customers Also Bought



TE Part #6-2176231-9
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #280520-1
12P AMPMODU II SHRD HDR, ST, TIN



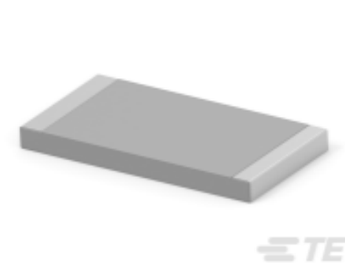
TE Part #5749180-1
Mini DIN, 6 pos, R/A, Shield



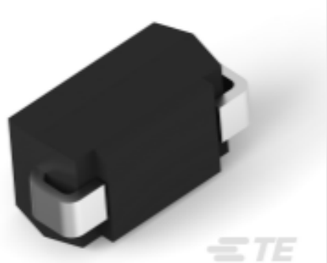
TE Part #42506-2
250 FASTON TAB TPBR



TE Part #1-2329013-1
LUMAWISE 40MM DIA DOME CLEAR LOW



TE Part #3-2176331-4
CRGP 2512 5K6 1%



TE Part #1-2176322-9
SMV 1W 3M3 5%



TE Part #350180
TEST PROBE ASSEMBLY, REC, PA66, BLACK

# Documents

## Product Drawings

CRGP 2512 18K 1%

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2176331-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2176331-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2176331-0_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Datasheets & Catalog Pages

CRGP Data Sheet

English