

CRGP2512F33K ✓ ACTIVE

Neohm | Neohm CRGP

TE Internal #: 4-2176331-3

33K Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm, Neohm CRGP

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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 | 1k Ω – 1M Ω |
| Resistance Value | 33K Ω |
| Power Rating | 2 W |

Termination Features

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

Dimensions

| | |
|------------------------------|---------------------|
| Passive Component Dimensions | 6.35 x 3.2 x .55 mm |
|------------------------------|---------------------|

Usage Conditions

| | |
|-------------------------|-----------------------------------|
| Temperature Coefficient | ± 100 ppm/ $^{\circ}\text{C}$ |
|-------------------------|-----------------------------------|

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: 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 $^{\circ}\text{C}$ |

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 #9-2176231-2
3522 62K 1% 3W

TE Part #T4040014031-000
M8.MLE.PNLREAR.3POS.STR PCB

TE Part #2173132-1
ELCON MINI 4P VERT HEADER, UNSHIELDED,SOL

TE Part #3-2176349-7
CRGCQ 2512 10K 1%

TE Part #2-2176330-9
CRGP 2010 2K2 1%

TE Part #2-2176331-9
CRGP 2512 2K2 1%

TE Part #5-1879352-3
RR02 5% 47R AMMO

TE Part #1462039-4
IM13GR=IM RELAY 100mW 5V



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-2176331-3_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2176331-3_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2176331-3_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CRGP Data Sheet](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English