

CRGS2512J27K

✓ ACTIVE

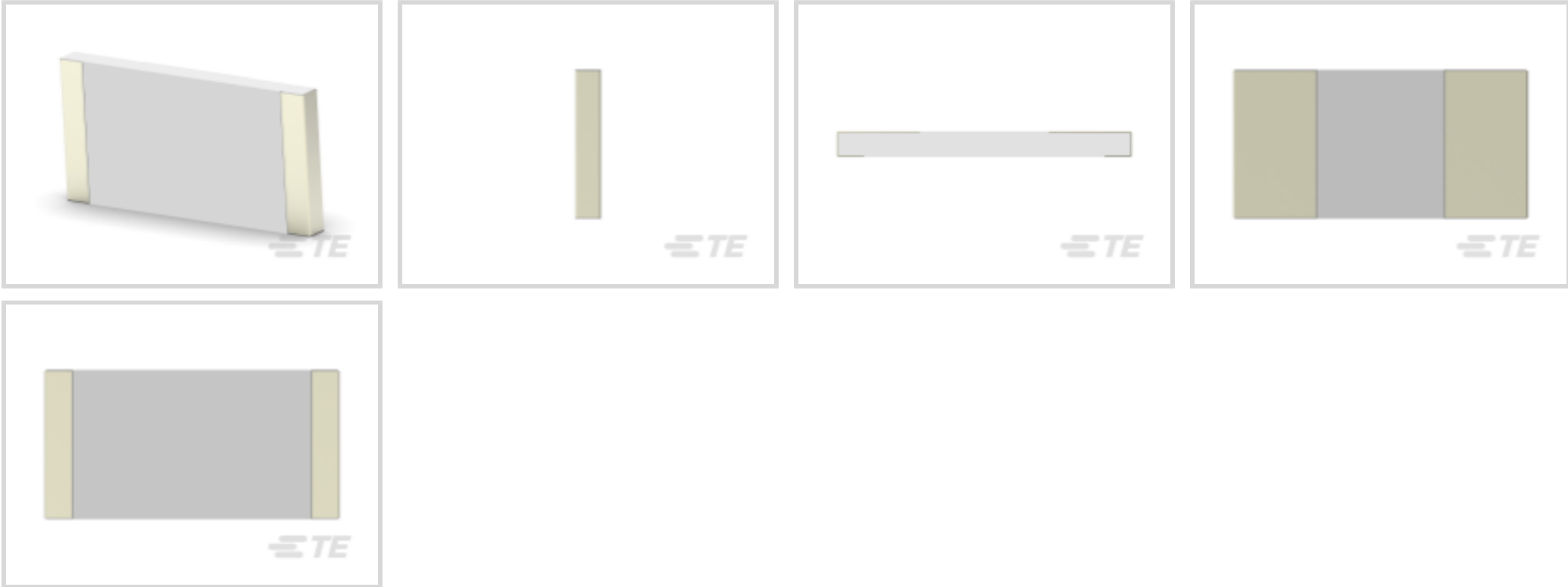
TE Internal #: 5-2176246-4

Surface Mount Resistors, General Purpose Resistor, 2 Termination, 2512, Taped & Reeled, 5 %, Thick Film, Resistance Class 1kΩ – 1MΩ, 27K Ω, 1.5 W

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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: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	General Purpose Resistor
Package Size Code	2512
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	250 V
Passive Component Tolerance	5 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	27K Ω
Power Rating	1.5 W

Termination Features

Number of Terminations	2
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Surface Mount Resistor Termination TypeSolder

Dimensions

Passive Component Dimensions	6.35 x 3.2 x .55 mm
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Usage Conditions

Temperature Coefficient	±100 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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 # 5-2176246-3
CRGS2512 5% 22K

TE Part # 5-2176246-5
CRGS2512 5% 33K

Customers Also Bought

TE Part #1415898
PCB Power Relay: 16 Amp, Inrush

TE Part #1-1622825-6
Thick Film Resistor: Current Sense

TE Part #1-1623729-4
Wirewound Resistor: Vertical Mount

TE Part #1571999-6
ADP0404=PIANO DIP SWITCH

TE Part #1624018-1
SC30-10-2518-10 2.7UH AMMO 1000

TE Part #1571986-8
A101J1AQ004=SGL POLE,ROCKER

TE Part #1-1734592-9
0.5mm FPC Connectors

TE Part #9-1879221-2
CPF 0603 14R7 0.1% 25PPM 1K RL

TE Part #1-967280-1
LOW & MEDIUM POWER HEADER

TE Part #1393219-3
PE014005

Documents

Product Drawings

CRGS2512 5% 27K

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2176246-4_BA.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-2176246-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-2176246-4_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SMD Anti-Surge Thick Film Chip Resistor - Type CRGS Series - Tyco Electronics Passives](#)

English