



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 2 Watt, 3521 Series



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

[All SMD Power Resistor: 2 Watt, 3521 Series \(121\)](#)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power 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	1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	270K 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
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Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) 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

3521270KFT

270K Ω , Thick Film, Power Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm, CGS 3521



TE Part # CAT-C339-A76A

SMD Power Resistor: 2 Watt, 3521 Series

Also in the Series | CGS 3521

Surface Mount Resistors(124)

Customers Also Bought

TE Part #770849-2

Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156

TE Part #4-1879234-3

SMF5 30K 5%

TE Part #9-2176231-7

3522 100K 1% 3W

TE Part #207387-2

CABLE GRIP, SZ 17, CPC

TE Part #207489-1

FLEXIBLE CABLE BOOT, SIZE 11

TE Part #3-520117-2

ULTRAFAST 250 ASSY REC 16-14 TPBR LP

TE Part #5-534206-5

10 MODII VRT DR CE 100/115

TE Part #6-1879135-0

RN 0603 4R87 0.1% 10PPM 5K RL

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176071-8_BC.2d_dxf.zip

English

3521270KFT

270K Ω , Thick Film, Power Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm, CGS 3521



Customer View Model

[ENG_CVM_CVM_2176071-8_BC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176071-8_BC.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMD Power Resistor - Type 3521 Series](#)

English