



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	Up to 1kΩ
Resistance Value	180 Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

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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	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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # CAT-C339-A76A
SMD Power Resistor: 2 Watt, 3521 Series

Also in the Series | CGS 3521

Surface Mount Resistors(136)

Customers Also Bought

TE Part #1625827-5
TL3A R01 1%

TE Part #1-2176231-3
3522 33R 1% 3W

TE Part #5-1676966-5
SMW2 18R 5%

TE Part #4-1622820-0
3520 33R 5%

TE Part #4-2176058-1
RLP73K 3A R47 5% 2K RL

TE Part #1775485-1
Battery Holder, 3.6mm, BLK,low profile

TE Part #1-1614959-0
CPF0805 1M3 0.1% 25PPM 1K RL

TE Part #8-2176307-9
RP 1E 0.1W 102K 0.1% 25PPM 5K RL

TE Part #3-2176308-3
RP 1E 0.1W 4R99 0.1% 25PPM 1K RL

TE Part #2-2319747-1
TRI-STATE DIP 4P G RECESS T&R



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176070-1_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176070-1_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176070-1_BB.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

Product Environmental Compliance

MD_3-2176070-1_122220151332_dmtec

English

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