



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 1 Watt, 3520 Series



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

[All SMD Power Resistor: 1 Watt, 3520 Series \(132\)](#)

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
---------------------	---

Electrical Characteristics

Voltage Rating	200 V
Passive Component Tolerance	5 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	100K Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

--



Passive Component Dimensions	6.4 x 3.2 x .6 mm
------------------------------	-------------------

Usage Conditions

Temperature Coefficient	±200 ppm/°C
-------------------------	-------------

Packaging Features

Packaging Method	Taped & Reeled
------------------	----------------

Product Compliance

For compliance documentation, visit the product page on TE.com>

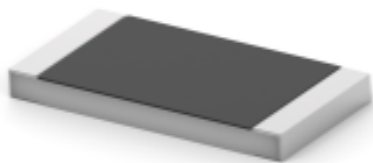
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: 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°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-A76

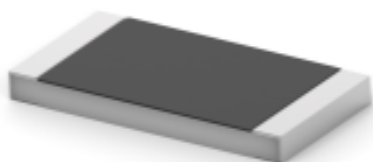
SMD Power Resistor: 1 Watt, 3520 Series

Also in the Series | CGS 3520



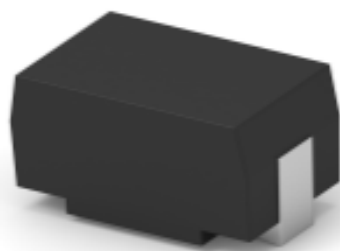
Surface Mount Resistors(132)

Customers Also Bought



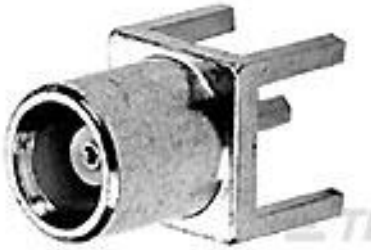
TE Part #1622820-3

SMD Power Resistor: 1 Watt, 3520 Series



TE Part #1-1879011-1

SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #1-1337581-0

MCX Str PCB Skt 50Ohm Gold Pltd



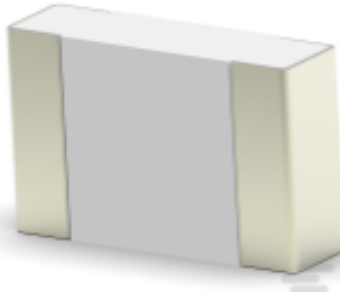
TE Part #1-1625892-0

3W SM M/OX 5% 10K



TE Part #1-1625892-1

3W SM M/OX 5% 10R



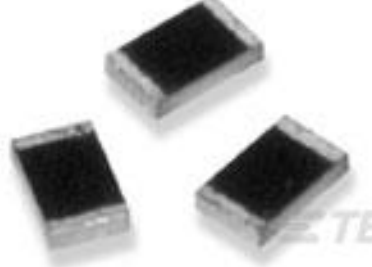
TE Part #1-2176244-9

CRGS0805 5% 33R



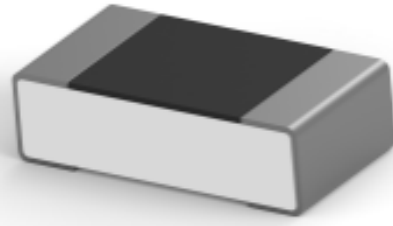
TE Part #1241050-3

2x3P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #1-1879265-9

RP 2B 162K 0.1% 15PPM CUT LENGTH



TE Part #9-2176365-7

RQ 0603 402R 0.1% 10PPM 1K RL



Documents

Product Drawings

3520 100K 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622820-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1622820-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622820-1_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

SMD Power Resistors - Type 3520 Series - Tyco Electronics Passives

English

Product Environmental Compliance

MD_1622820-1_09102014450_dmtec

English

MD_1622820-1_09102014450_dmtec

English