



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**
Number of Terminations: **2**
Package Size Code: **2512**
Packaging Method: **Folder**
Passive Component Tolerance: **1 %**

Features

Product Type Features

| | |
|-------------------|----------------|
| Resistor Type | Power Resistor |
| Package Size Code | 2512 |
| Element Type | Thick Film |

Electrical Characteristics

| | |
|-----------------------------|-------|
| Operating Voltage | 250 V |
| Passive Component Tolerance | 1 % |
| Power Rating | 2 W |

Termination Features

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

Dimensions

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|----------------|------------------|
| Product Height | 45 mm[1.17 in] |
| Product Length | 320 mm[12.6 in] |
| Product Width | 260 mm[10.24 in] |

Packaging Features

| | |
|------------------|--------|
| Packaging Method | Folder |
|------------------|--------|

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 2176439-7
3522 3W 1% ZR, 1R0 - 1M0 LAB-KIT



TE Part # 2176439-8
3522 3W 5% ZR, 1R0 - 1M0 LAB-KIT

Also in the Series | CGS 3521

3521F-LAB-KIT

Thick Film, Power Resistor, 1 %, 2 Termination, 2512, Folder, 2 W, Solder, Height 1.17 in [45 mm], Length 12.6 in [320 mm], CGS 3521



Surface Mount Resistors(124)

Customers Also Bought

TE Part #20009605-14
FX293X-100A-0050-L

TE Part #3-2176230-0
3522 220R 5% 3W

TE Part #5677904002
RNF-3000-1.5/0.5-X-SP

TE Part #770854-1
CONTACT, AMPSEAL SN/LP

TE Part #YDTS24F19-35SAV001
RECP ASSY

TE Part #1-111446-4
10 UNIV I/O, NO EARS, LEAD FREE

TE Part #794228-1
MINI UMN2 PIN 22-18 AWG SN LP

TE Part #1618408-2
LEV100H5CNG = CONTACTOR WITH
AUX SPST

TE Part #104112-E
ERMA 110 FS 1 EE * 3,70 A-E V-V *
TRAY 2

TE Part #104113-E
ERMB 125 FS 1 EE * 3,70 A-E V-V **
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Documents

Product Drawings

3521 2W 1% 1R0-1M0 LAB-KIT

English

3521 2W 1% 1R0-1M0 LAB-KIT

English

Datasheets & Catalog Pages

SMD Power Resistor - Type 3521 Series

English

3521F-LAB-KIT

Thick Film, Power Resistor, 1 %, 2 Termination, 2512, Folder, 2 W, Solder, Height 1.17 in [45 mm], Length 12.6 in [320 mm], CGS 3521

