



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

|                                  |                             |
|----------------------------------|-----------------------------|
| Product Type                     | Accessory                   |
| Resistor Type                    | Power Resistor              |
| Package Size Code                | 2512                        |
| Passive Component Accessory Type | SMD Thick Film Resistor Kit |
| Element Type                     | Thick Film                  |

### Electrical Characteristics

|                             |       |
|-----------------------------|-------|
| Voltage Rating              | 250 V |
| Passive Component Tolerance | 1 %   |
| 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 |
|------------------------------|---------------------|

### 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

|   |  |
|---|--|
|  <p>TE Part # 2176439-7<br/>3522 3W 1% ZR, 1R0 - 1M0 LAB-KIT</p> |  <p>TE Part # 2176439-8<br/>3522 3W 5% ZR, 1R0 - 1M0 LAB-KIT</p> |
|---|--|

## Also in the Series | CGS 3521



## Customers Also Bought



## 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

