



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 3 Watt, 1% Tol



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

[All SMD Power Resistor: 3 Watt, 1% Tol \(140\)](#)

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

| | |
|-----------------------------|-------------------|
| Passive Component Tolerance | 5 % |
| Resistance Class | Up to 1k Ω |
| Resistance Value | 4.7 Ω |
| Power Rating | 3 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 |
|------------------------------|---------------------|

Usage Conditions

| | |
|-------------------------|-------------|
| Temperature Coefficient | ±400 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 | 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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-A76B

SMD Power Resistor: 3 Watt, 1% Tol

TE Part # 4-2176230-2

3522 2K2 5% 3W

Also in the Series | CGS 3522

Surface Mount Resistors(211)

Customers Also Bought

TE Part #2176230-7

SMD Power Resistor: 3 Watt, 1% Tol

TE Part #5787973-1

36 .8MM CHAMP RCPT ASSY

TE Part #1-1614884-4

CPF 0805 7R5 0.1% 25PPM 1K RL

TE Part #3-1879352-1

RR02 5% 5R6 AMMO

TE Part #5677862005

RNF-3000-9/3-9-STK

TE Part #2842128-6

12P,2MM,BRK HDR,DRV,T,2.8,0.76AU, TB

TE Part #2307261-1

LBF-2200-0910EU

TE Part #2349530-1

LBF-2200-0911EU

Documents

Product Drawings

3522 4R7 5% 3W

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2176230-0_BA.3d_stp.zip

35224R7JT

4.7 Ω , Thick Film, Power Resistor, 5 %, 2 Termination, 2512, Taped & Reeled, 3 W, ± 400 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm, CGS 3522



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2176230-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176230-0_BA.3d_igs.zip](#)

English

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Datasheets & Catalog Pages

[SMD POWER RESISTORS - TYPE 3522 SERIES](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English