352247RFT ✔ ACTIVE

CGS | CGS 3522

TE Internal #: 1-2176231-7

Surface Mount Resistors, Power Resistor, 2 Termination, 2512, Taped & Reeled, 1 %, Thick Film, Resistance Class Up to 1kΩ, 47 Ω, 3 W, CGS 3522

View on TE.com >

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: **1 %**

All SMD Power Resistor: 3 Watt, 1% Tol (142)

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	1 %
Resistance Class	Up to 1kΩ
Resistance Value	47 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	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

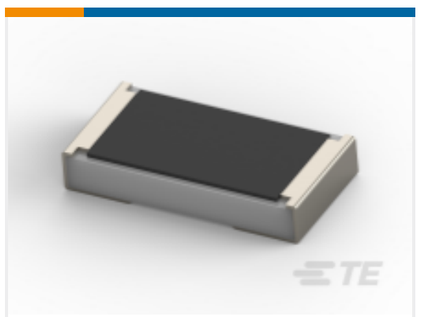
For compliance documentation, visit the product page on TE.com>

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	No 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) SVHC > Threshold: Pb (2.82% in Component part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

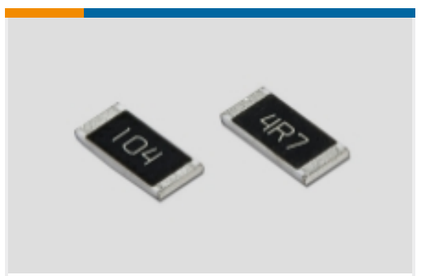


TE Part # CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



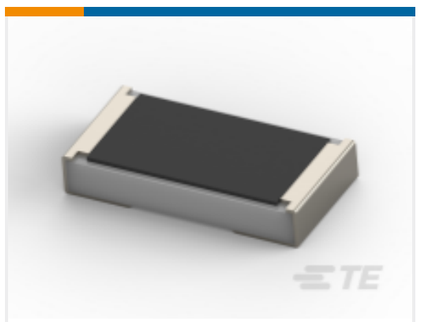
TE Part # 4-2176230-2
3522 2K2 5% 3W

Also in the Series | CGS 3522



Surface Mount Resistors(220)

Customers Also Bought



TE Part #2176231-8
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #2-1761605-9
IDC LOW PRO HDR 26P RA BLUE



TE Part #1-1625890-5
2W SM M/OX 5% 15R

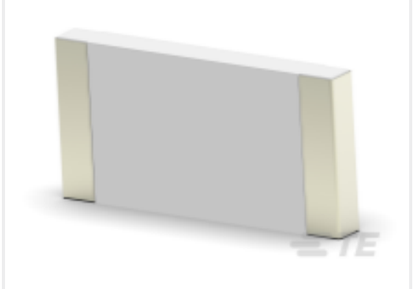


TE Part #1-2176429-0
MPT100 3R3 5%

TE Part #745968-7
25 PLUG SP/FMS INSRT



TE Part #YDTS26F21-35ABV001
PLUG ASSY



TE Part #7-2176251-3
CRGS2010 5% 1M0



TE Part #5-1623714-9
FCB4 33R 5% HP 5K

Documents

Product Drawings

3522 47R 1% 3W

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176231-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176231-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176231-7_BA.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 RESISTORS - TYPE 3522 SERIES

English