

CGS | CGS 3522

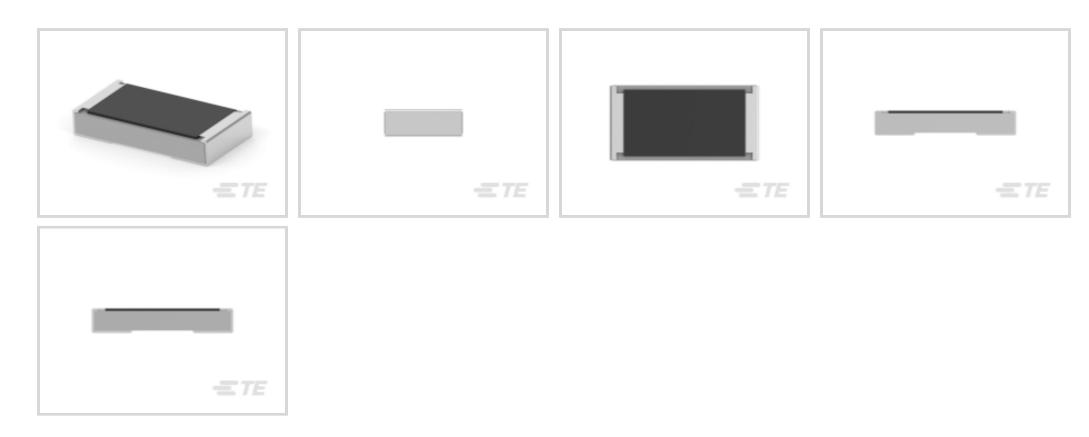
TE Internal #: 1-2176230-9

27 Ω , Thick Film, Power Resistor, 5 %, 2 Termination, 2512, Taped & Reeled, 3 W, ± 100 ppm/°C, Solder, 6.35 x 3.2 x .55 mm, CGS 3522

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Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 3 Watt, 5% 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, 5% Tol (31)

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 $1k\Omega$
Resistance Value	27 Ω
Power Rating	3 W
Termination Features	

2

Number of Terminations



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	

Taped & Reeled

Product Compliance

Packaging Method

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: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (2.97% 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







Also in the Series | CGS 3522



Customers Also Bought















TE Part #ZPF000000000204969 ACT 24 J A-35 MN

Documents

Product Drawings 3522 27R 5% 3W

English

CAD Files

Customer View Model ENG_CVM_CVM_1-2176230-9_BA.3d_igs.zip 27 Ω , Thick Film, Power Resistor, 5 %, 2 Termination, 2512, Taped & Reeled, 3 W, ± 100 ppm/°C, Solder, 6.35 x 3.2 x .55 mm, CGS 3522



English

Customer View Model

ENG_CVM_CVM_1-2176230-9_BA.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176230-9_BA.2d_dxf.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

Product Environmental Compliance

TE Material Declaration

English