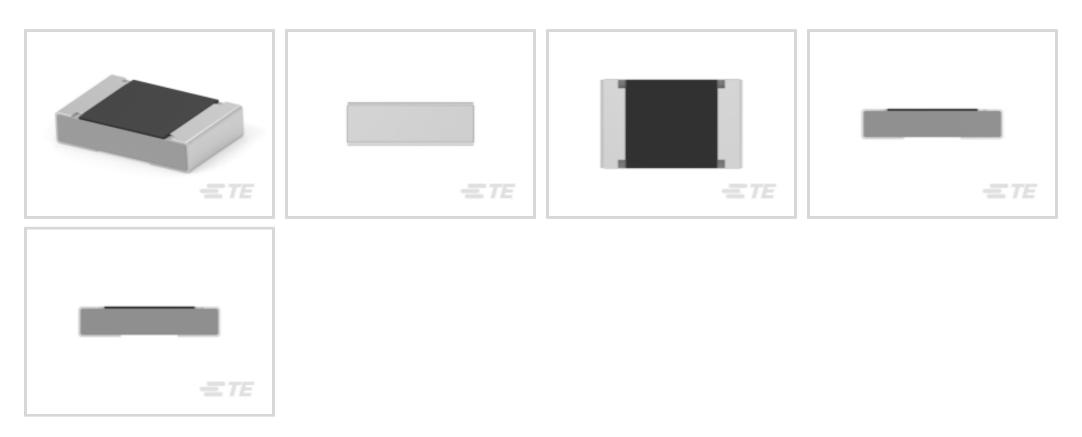
3504G3A178RFTDF - ACTIVE

CGS | CGS 3504

TE Internal #: 5-2176529-3 178 Ω , Thin Film, Power Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 6 W, ±50 ppm/°C, Solder, 6.3 x 3.1 x .43 mm, CGS 3504 View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Power Resistor

Number of Terminations: 2

Package Size Code: 2512

Packaging Method: Taped & Reeled

Passive Component Tolerance: 1%

Features

Product Type Features



Product Type	Fixed Resistor
Resistor Type	Power Resistor
Package Size Code	2512
Element Type	Thin Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Voltage Rating	100 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	178 Ω
Power Rating	6 W
Termination Features	
Number of Terminations	2

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178 Ω, Thin Film, Power Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 6 W, ±50 ppm/°C, Solder, 6.3 x 3.1 x .43 mm, CGS 3504



Surface Mount Resistor Termination Type	Solder
Dimensions	
Passive Component Dimensions	6.3 x 3.1 x .43 mm
Usage Conditions	
Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±50 ppm/°C
Packaging Features	
Packaging Method	Taped & Reeled
Product Compliance	
•	Compliant
For compliance documentation, visit the product page on TE.com>	Compliant Compliant

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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

3504G3A178RFTDF

178 Ω, Thin Film, Power Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 6 W, ±50 ppm/°C, Solder, 6.3 x 3.1 x .43 mm, CGS 3504





Also in the Series | CGS 3504



Documents

Product Drawings 3504G 3A 178R 1% 1K RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-2176529-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2176529-3_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-2176529-3_A.2d_dxf.zip

English

3D PDF

3D

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Datasheets & Catalog Pages

1773270-5

English