35025M1FT ✔ ACTIVE

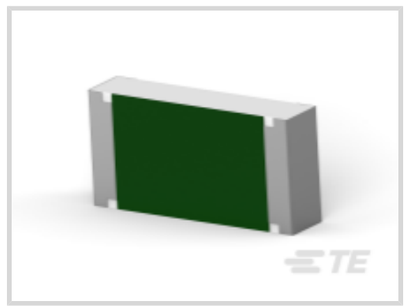
CGS | CGS 3502

TE Internal #: 6-2176398-3

Surface Mount Resistors, Power Resistor, 2 Termination, 2010, Taped & Reeled, 1 %, Thick Metal Film, Resistance Class 1MΩ – 1GΩ, 5.1M Ω, 2 W, CGS 3502

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **2010**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Package Size Code	2010
Element Type	Thick Metal Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	200 V
Passive Component Tolerance	1 %
Resistance Class	1MΩ – 1GΩ
Resistance Value	5.1M Ω
Power Rating	2 W

Termination Features

Number of Terminations	2

Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	5 x 2.5 x 1.1 mm

Usage Conditions

Temperature Coefficient	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

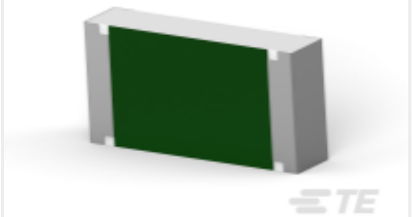
For compliance documentation, visit the product page on TE.com>

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	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) 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

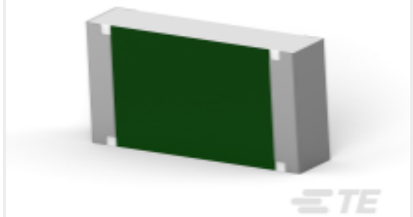
Product Compliance Disclaimer

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

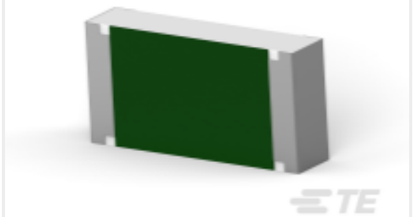
Compatible Parts



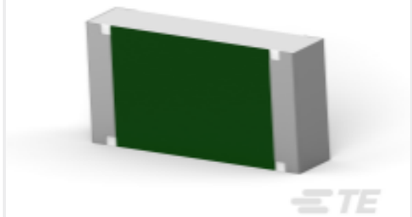
TE Part # 3-2176397-1
3502 18R 1%



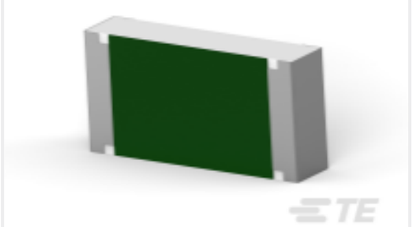
TE Part # 3-2176397-2
3502 20R 1%



TE Part # 8-2176397-0
3502 2K0 1%

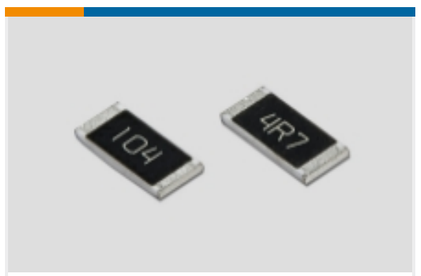


TE Part # 8-2176397-3
3502 2K7 1%



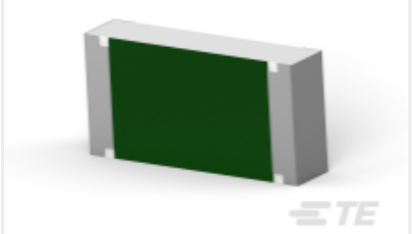
TE Part # 4-2176397-1
3502 47R 1%

Also in the Series | CGS 3502

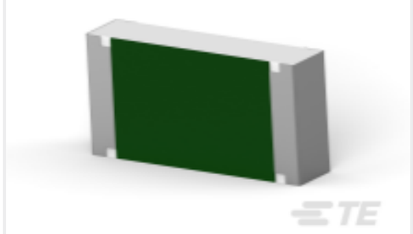


Surface Mount Resistors(254)

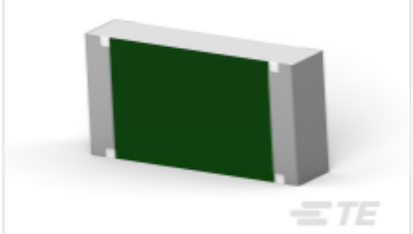
Customers Also Bought



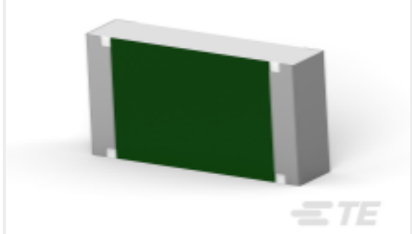
TE Part #9-2176397-9
3502 12K 1%



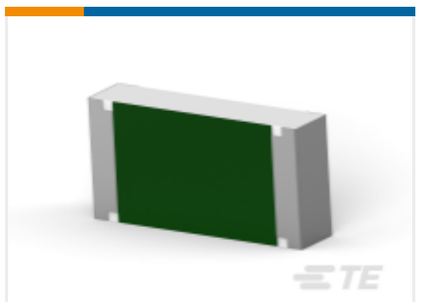
TE Part #7-2176397-8
3502 1K6 1%



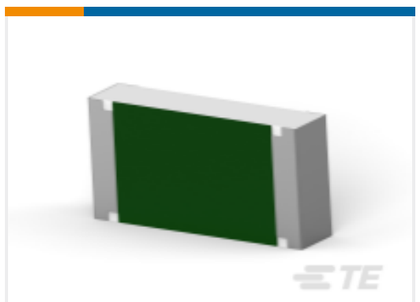
TE Part #3-2176398-1
3502 240K 1%



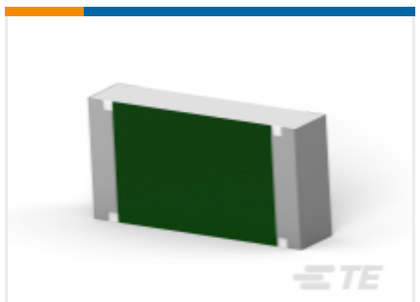
TE Part #5-2176398-3
3502 2M0 1%



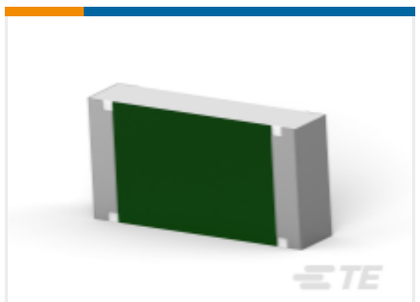
TE Part #5-2176398-4
3502 2M2 1%



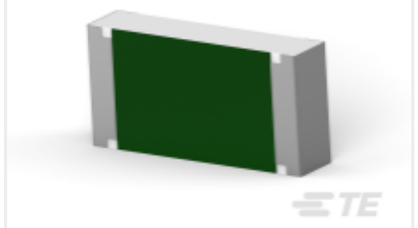
TE Part #5-2176398-7
3502 3M0 1%



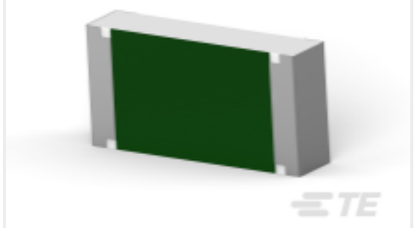
TE Part #5-2176398-9
3502 3M6 1%



TE Part #6-2176398-0
3502 3M9 1%



TE Part #1-2176398-5
3502 51K 1%



TE Part #4-2176398-3
3502 750K 1%

Documents

Product Drawings

3502 5M1 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-2176398-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-2176398-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2176398-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SMD HIGH POWER RESISTORS - TYPE 3502 SERIES

English