

CGS | CGS 3540

TE Internal #: 3-2176400-1

18 Ω , Thick Metal Film, Power Resistor, 1 %, 2 Termination, Taped & Reeled, 4 W, ± 100 ppm/°C, Solder, Height .043 in [1.1 mm], CGS

3540

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Power Resistor

Number of Terminations: 2

Packaging Method: Taped & Reeled
Passive Component Tolerance: 1 %
Element Type: Thick Metal Film

Features

Product Type Features

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Resistor Type	Power Resistor
Element Type	Thick Metal Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	250 V
Passive Component Tolerance	1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	18 Ω
Power Rating	4 W
Termination Features	
Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Dimensions

Product Height	1.1 mm[.043 in]
Product Length	7.1 mm[.28 in]
Product Width	4.2 mm[.165 in]

Usage Conditions

Temperature Coefficient	±100 ppm/°C
Temperature coemicient	±100 ββπη/ 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 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

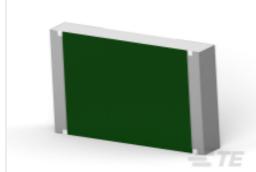




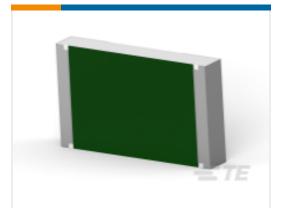
TE Part # 2-2176401-2 3540 100K 1%



TE Part # 3-2176402-2 3540 100K 5%



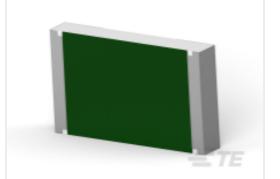
TE Part # 9-2176401-5 3540 100R 5%



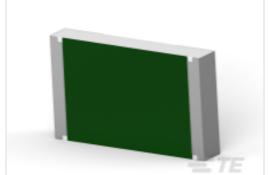
TE Part # 9-2176400-7 3540 10K 1%



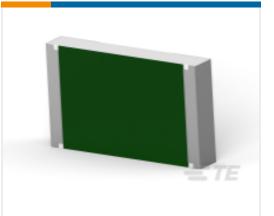
TE Part # 2-2176402-0 3540 10K 5%



TE Part # 7-2176401-0 3540 10M 1%



TE Part # 5-2176402-6 3540 10M 5%



TE Part # 2-2176400-5 3540 10R 1%



TE Part # 8-2176401-3 3540 10R 5%



TE Part # 2-2176401-3 3540 110K 1%



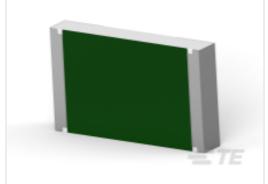
TE Part # 5-2176400-0 3540 110R 1%



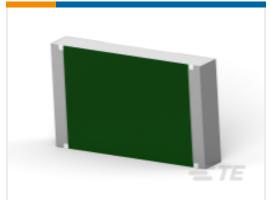
TE Part # 9-2176400-8 3540 11K 1%



TE Part # 2-2176400-6 3540 11R 1%



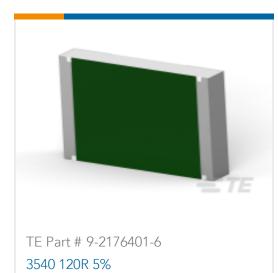
TE Part # 2-2176401-4 3540 120K 1%



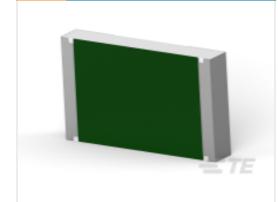
TE Part # 3-2176402-3 3540 120K 5%



TE Part # 5-2176400-1 3540 120R 1%



TE Part # 9-2176400-9 3540 12K 1%



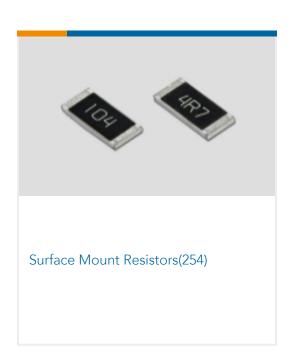
TE Part # 2-2176402-1 3540 12K 5%



TE Part # 2-2176400-7 3540 12R 1%







Customers Also Bought





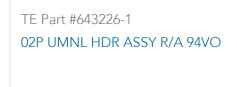


TE Part #170204-1

EIS RECPT CONTACT













TE Part #2322122-1 HVP800 2P HEADER ASSY







Documents

Product Drawings 3540 18R 1%

English

CAD Files

3D PDF

3D

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

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Datasheets & Catalog Pages
SMD HIGH POWER RESISTORS - TYPE 3540 SERIES

English