35406K8JT ✔ ACTIVE

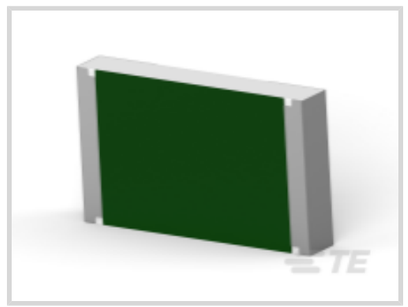
CGS | CGS 3540

TE Internal #: 1-2176402-8

Power Resistor, Thick Metal Film, 4 W, 6.8K Ω, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height .043 in [1.1 mm], Length .28 in [7.1 mm], CGS 3540

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Power Resistor**

Element Type: **Thick Metal Film**

Power Rating: **4 W**

Resistance Value: **6.8K Ω**

Resistance Class: **1kΩ - 1MΩ**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Metal Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	250 V
Power Rating	4 W
Resistance Value	6.8K Ω
Resistance Class	1kΩ - 1MΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

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

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

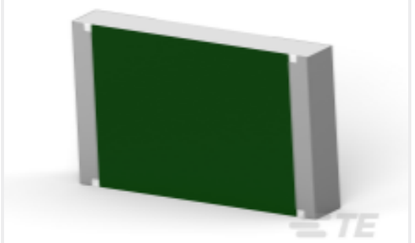
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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

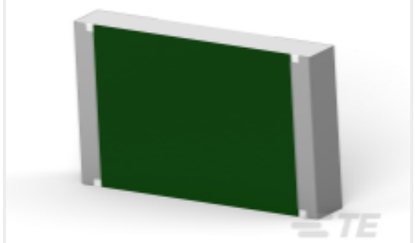
Product Compliance Disclaimer

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

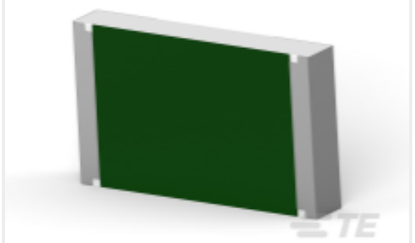
Compatible Parts



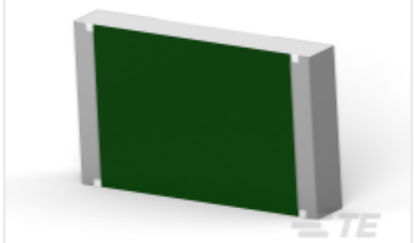
TE Part # 3-2176400-1
3540 18R 1%



TE Part # 3-2176400-2
3540 20R 1%



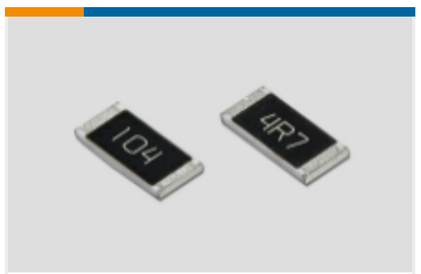
TE Part # 8-2176400-0
3540 2K0 1%



TE Part # 8-2176400-3
3540 2K7 1%

TE Part # 4-2176400-1
3540 47R 1%

Also in the Series | CGS 3540



Surface Mount Resistors(254)

Customers Also Bought

TE Part # 2-332004-0
SMA JAM NUT, PASSIVATED



TE Part # 2562-201-2031L
CONT SOC ASSY



TE Part # 2-520411-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part # 1757820-2
AMPLIMITE,ASY,RCPT,STD,109,ZN,2



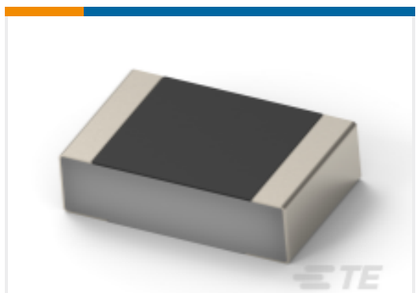
TE Part # 1-1393249-4
W58-XB1A4A-3=W58



TE Part # 6609017-9
6EC1=F7284 S0



TE Part # 2427986-1
Conn G SSA 38999 S3 Shell 11



TE Part # 8-2176451-5
CPF 0201 374R 0.1% 25ppm 1K RL

Documents

Product Drawings

3540 6K8 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176402-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176402-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176402-8_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

SMD HIGH POWER RESISTORS - TYPE 3540 SERIES

English