35608K2JT ✔ ACTIVE

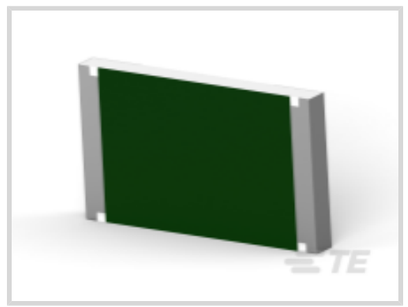
CGS | CGS 3560

TE Internal #: 1-2176408-9

8.2K ohm, Thick Metal Film, Power Resistor, 5 %, 6 W, ±100 ppm/°C, Solder, 2 Terminations, 1.1 mm [.043 in] Height, 11.6 mm [.457 in] Length, CGS 3560

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Power Resistor**

Element Type: **Thick Metal Film**

Power Rating: **6 W**

Resistance Value: **8.2K 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	300 V
Power Rating	6 W
Resistance Value	8.2K 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	11.6 mm[.457 in]
Product Width	6.85 mm[.27 in]

Usage Conditions

Temperature Coefficient	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

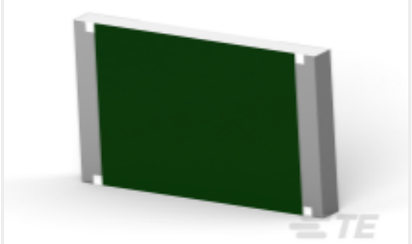
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

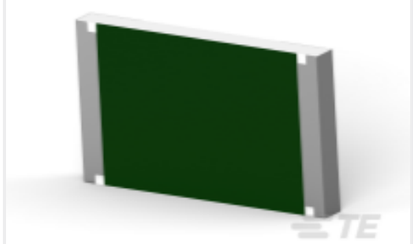
Product Compliance Disclaimer

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

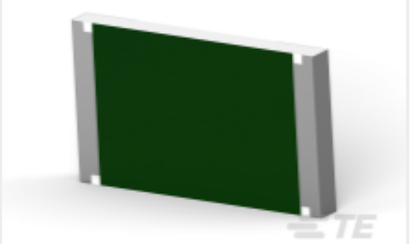
Compatible Parts



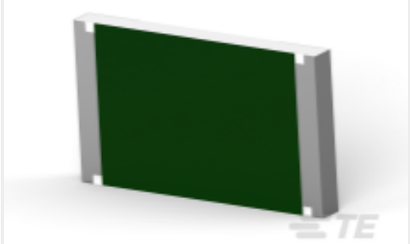
TE Part # 4-2176406-1
3560 47R 1%



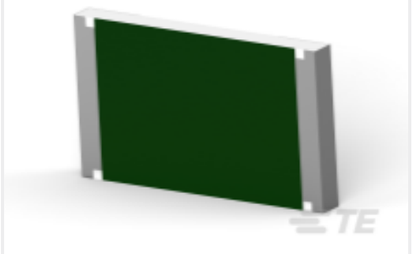
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3560 20R 1%



TE Part # 8-2176406-3
3560 2K7 1%

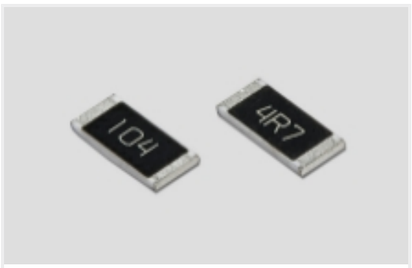


TE Part # 3-2176406-1
3560 18R 1%



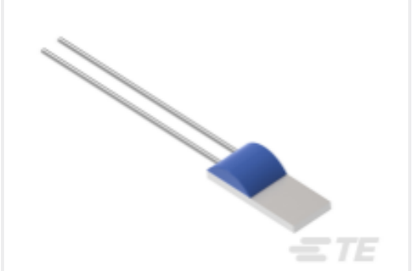
TE Part # 8-2176406-0
3560 2K0 1%

Also in the Series | CGS 3560



Surface Mount Resistors(254)

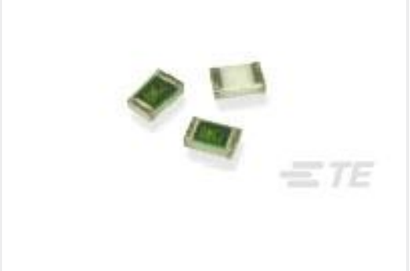
Customers Also Bought



TE Part #NB-PTCO-126
Pt1000, 2.0x5.0, Class B, PTFD102B1G0



TE Part #1437566-3
FSMSM=3.5X6 SMT TACT



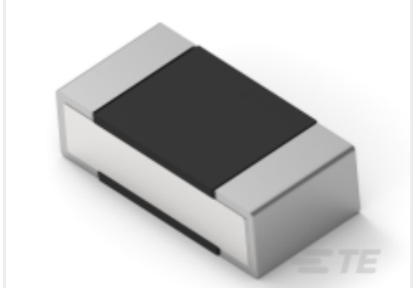
TE Part #1676338-2
RN 0805 422R 0.1% 10PPM 1KRL



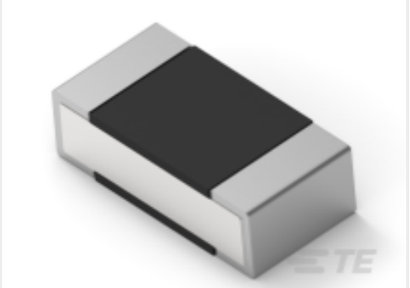
TE Part #1676395-2
RN 0805 619R 0.1% 10PPM 1KRL



TE Part #1734577-2
MOD-JK,8P8C,SHD W/LED, G/Y,15U"



TE Part #1-2176312-7
RP 1E 0.1W 18K2 0.1% 25PPM 1K RL



TE Part #6-2176312-4
RP 1E 0.1W 56K2 0.1% 25PPM 1K RL



TE Part #5745967-7
25 RCPT SP/FMS INSRT



TE Part #5747150-7
09 RCPT SP/FMS INSRT



TE Part #5747299-7
15 RCPT SP/FMS INSRT

Documents

Product Drawings

3560 8K2 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176408-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176408-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176408-9_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 3560 SERIES

English