



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

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Thick Metal Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	300 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1k Ω
Resistance Value	20 Ω
Power Rating	6 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Usage Conditions

Temperature Coefficient	±100 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 # 2-2176407-2
3560 100K 1%

TE Part # 3-2176408-2
3560 100K 5%

TE Part # 4-2176406-9
3560 100R 1%

TE Part # 9-2176407-5
3560 100R 5%

356020RFT

20 Ω, Thick Metal Film, Power Resistor, 1 %, 2 Termination, Taped & Reeled, 6 W,
±100 ppm/°C, Solder, CGS 3560



 TE Part # 9-2176406-7 3560 10K 1%	 TE Part # 2-2176408-0 3560 10K 5%	 TE Part # 7-2176407-0 3560 10M 1%	 TE Part # 5-2176408-6 3560 10M 5%
 TE Part # 2-2176406-5 3560 10R 1%	 TE Part # 8-2176407-3 3560 10R 5%	 TE Part # 2-2176407-3 3560 110K 1%	 TE Part # 5-2176406-0 3560 110R 1%
 TE Part # 9-2176406-8 3560 11K 1%	 TE Part # 2-2176406-6 3560 11R 1%	 TE Part # 2-2176407-4 3560 120K 1%	 TE Part # 3-2176408-3 3560 120K 5%
 TE Part # 5-2176406-1 3560 120R 1%	 TE Part # 9-2176407-6 3560 120R 5%	 TE Part # 9-2176406-9 3560 12K 1%	 TE Part # 2-2176408-1 3560 12K 5%

Also in the Series | CGS 3560



Surface Mount Resistors(254)

Customers Also Bought



TE Part #5745782-2
15 MSFL RCPT RA 318 (FM)

TE Part #5747236-4
15 MSFL PLUG RA 318 (IN,FM)

TE Part #1623107-1
CRG0805 1% 120R

TE Part #1437624-3
PK1100B1/4=KNOB PLASTIC BLK CO

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

TE Part #3-2176406-3
3560 22R 1%

TE Part #2176328-1
CRGP 1206 10R 1%

TE Part #2-2176422-1
TLRP 2512 3.0W R007 1% 25PPM 4K RL

TE Part #6-2176422-3
TLRP 2512 3.0W R035 1% 50PPM 4K RL

TE Part #7-2176422-7
TLRP 2512 3.0W R120 1% 50PPM 4K RL

Documents

Product Drawings

3560 20R 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176406-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176406-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176406-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

356020RFT

20 Ω , Thick Metal Film, Power Resistor, 1 %, 2 Termination, Taped & Reeled, 6 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, CGS 3560



SMD HIGH POWER RESISTORS - TYPE 3660 SERIES

English