



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**
Number of Terminations: **2**
Surface Mount Resistor Packaging Method: **Taped & Reeled**
Surface Mount Resistor Tolerance: **5%**
Element Type: **Wirewound**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wirewound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	500 V
Surface Mount Resistor Tolerance	5%
Resistance Range	Up to 1kΩ Ω
Surface Mount Resistor Resistance	150 Ω
Surface Mount Resistor Power Rating	3 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions

Surface Mount Resistor Dimensions	10.5 x 5.5 x 5 mm
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Usage Conditions

Temperature Coefficient	±200 ppm/°C
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Packaging Features

Surface Mount Resistor Packaging Method	Taped & Reeled
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Product Compliance

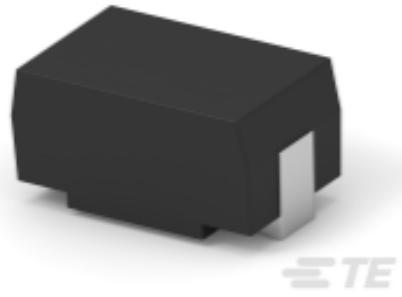
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 Model / Part # CAT-C339-SM1 SMD Power Resistor: 7 Watt, 200-2M Ohm	 TE Model / Part # 6-1879021-1 SMW3 33R 5%	 TE Model / Part # 1879233-9 SMW5 R22 5%	 TE Model / Part # 4-1676966-9 SMW2 10R 5%
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TE Model / Part # 3-1676966-5
SMW2 2R7 5%

TE Model / Part # 9-1879021-2
SMW3 R15 1%

Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(9)

LC Connectors(2)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

RJ45 Connectors(3)

SD Card Connectors(1)

Surface Mount Resistors(545)

Customers Also Bought

TE Model / Part #6-1879021-7
SMW3 56R 5%

TE Model / Part #7-1879021-5
SMW3 120R 5%

TE Model / Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail

TE Model / Part #1-1337604-0
SMB SMT Skt 50Ohm Gold Pltd



TE Model / Part #1624094-6
3613C 1.0UH 10%

TE Model / Part #7-1879021-3
SMW3 100R 5%

TE Model / Part #1-1624117-1
BMB-A 0805 300R

TE Model / Part #1-1825059-2
ADF03STTR04=DIP S,FLUSH,SMT-GW

TE Model / Part #1977223-6
FSM2JSMAASTR=6MM TACT
SWITCH,

TE Model / Part #280609-2
2P MOD 1 SHROUDED HEADER, ST,
0.4 Au

Documents

Product Drawings

SMW3 150R 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1879021-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1879021-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1879021-7_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

SMD Moulded Power Resistor - Type SM Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

Product Environmental Compliance



Product Compliance

English

Product Compliance

English