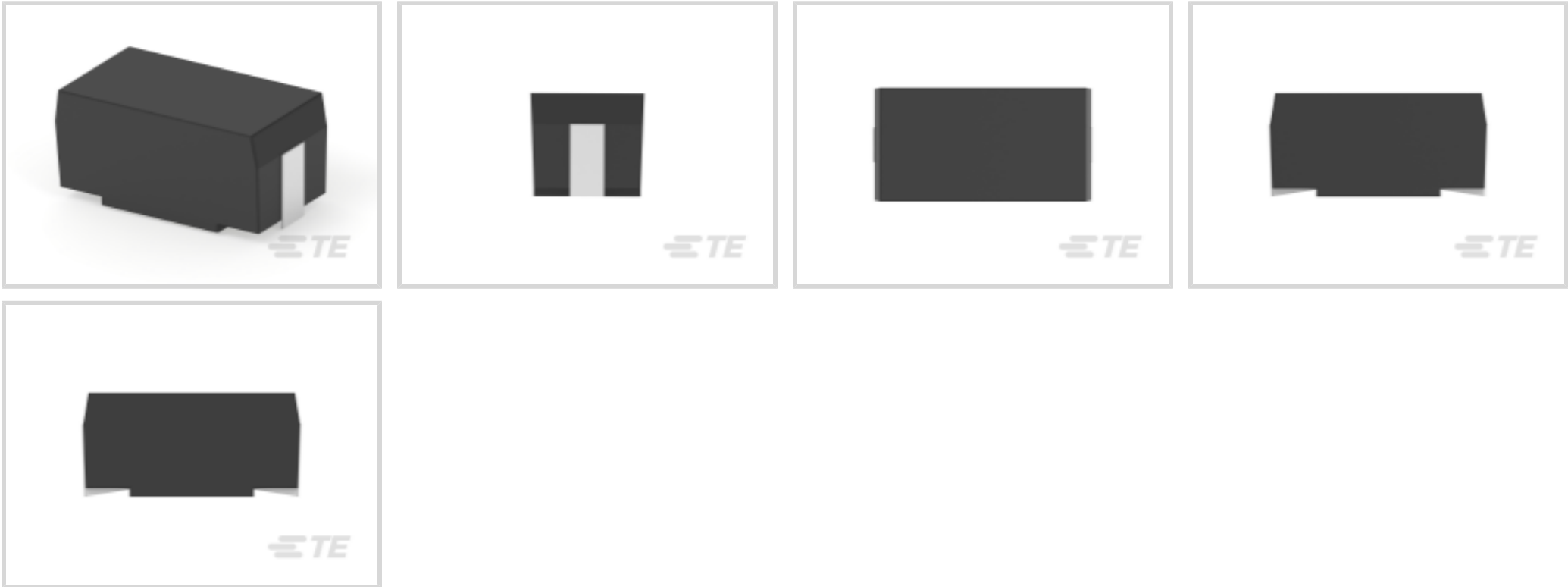




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**
Element Type: **Wire Wound**
Power Rating: **3 W**
Resistance Value: **300 Ω**
Resistance Class: **Up to 1kΩ**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	3 W
Resistance Value	300 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

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Product Height	5 mm[.197 in]
Product Length	10.5 mm[.413 in]
Product Width	5.5 mm[.217 in]

Usage Conditions

Temperature Coefficient	±200 ppm/°C
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Industry Standards

ESD HBM Classification	2
UL Flammability Rating	UL 94V-0
Moisture Sensitivity Level	1

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
EU ELV Directive 2000/53/EC	Out of Scope
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	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 Part # 9-1879021-2
SMW3 R15 1%

TE Part # 9-1879021-1
SMW3 R56 1%

TE Part # 8-2176617-4
SMQW3W 300R 5%

Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(5)

LC Connectors(1)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

SC Connectors(2)

Customers Also Bought

TE Part #173977-2
CT CONN MT REC ASSY 2P

TE Part #1375819-1
CST-100 II CONTACT TIN PLT

TE Part #1375820-4
CST-100 II HOUSING 4 POS

TE Part #8-1393224-2
RY531024

SMW3300RJT

300 ohm, Wire Wound, Power Resistor, 5 %, 3 W, ±200 ppm/°C, Solder, 2 Terminations, 5 mm [.197 in] Height, 10.5 mm [.413 in] Length, CGS SM





TE Part #7-1393243-9
[RT424730](#)



TE Part #8-1415536-6
[0410 83 046 001WG](#)



TE Part #1-1415899-7
[RZ03-1A4-D024](#)



TE Part #2118707-2
[1 PC STD SHIELD, CRS-16.50X16.50X3.60MM](#)



TE Part #5406514-2
[MJ,RJ11,SMT,6/6,GRAY,13"REEL](#)



TE Part #5558872-1
[MJ,TE,4P,W/O PNL STOPS](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_8-1879021-7_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1879021-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1879021-7_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMD Moulded Power Resistor - Type SM Series - Tyco Electronics Passives](#)

English