



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 7 Watt, 0.10-500 Ohm



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **7 W**

Resistance Value: **150 Ω**

Resistance Class: **Up to 1k Ω**

[All SMD Power Resistor: 7 Watt, 0.10-500 Ohm \(229\)](#)

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	7 W
Resistance Value	150 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2



Dimensions

Product Height	9.6 mm[.378 in]
Product Length	23 mm[.906 in]
Product Width	9.5 mm[.374 in]

Usage Conditions

Temperature Coefficient	±200 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
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # CAT-C339-SM1A
SMD Power Resistor: 7 Watt, 0.10-500 Ohm

Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(9)

LC Connectors(1)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

RJ45 Connectors(3)

SC Connectors(2)

Surface Mount Resistors(554)

Customers Also Bought

TE Part # 2-1625999-0
HSC100 22R 5%

TE Part # 1-1630019-2
Power Resistors: Aluminum Housed, HSA

TE Part # 9-2176459-7
SMW 7W 1K0 5% Taped

TE Part # 4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL

SMW7150RJT

Power Resistor, Wire Wound, 7 W, 150 Ω, 5 %, ±200 ppm/°C, Solder, 2 Termination,
Height .378 in [9.6 mm], Length .906 in [23 mm], CGS SM





TE Part # 4-1393224-6
[RY211012](#)



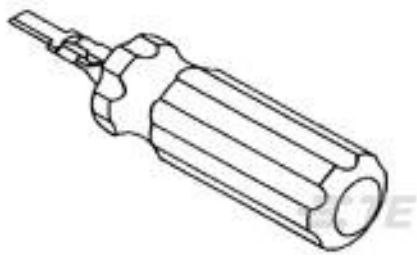
TE Part # 6-1676481-5
[CPF 0603 3K0 0.1% 25PPM 1K RL](#)



TE Part # 3-1614884-1
[CPF 0805 39R 0.1% 25PPM 1K RL](#)



TE Part # 4-2176091-1
[RP 2A 0.25W 150R 0.1% 25PPM 1K RL](#)



TE Part # 234168-1
[EXTRACTION TOOL\(DYNAMIC D-3\)](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-2176459-7_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-2176459-7_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-2176459-7_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 Moulded Power Resistor - Type SM Series - Tyco Electronics Passives](#)

English