



Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 7 Watt, 200-2M Ohm



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Element Type: **Metal Film**

[All SMD Power Resistor: 7 Watt, 200-2M Ohm \(316\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Metal Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	500 V
Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	2K Ω
Power Rating	5 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	6.8 mm[.268 in]
Product Length	13.5 mm[.531 in]



Product Width	7.3 mm[.287 in]
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Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
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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: 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	Wave solder capable to 265 $^{\circ}\text{C}$

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

SMF53K0JT

2K Ω , Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 5 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, Height .268 in [6.8 mm], CGS SM



TE Part # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part # 1879233-9
SMW5 R22 5%

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)

SC Connectors(2)

Surface Mount Resistors(554)

Customers Also Bought

TE Part #2-1617758-7
FCB-205-0119M=M83536/1-019M

TE Part #650473-5
096 EURO TYPE C PIN ST ASSY

TE Part #1-770966-0
02P MINI UMN L R/A HDR ASSY SN

TE Part #1625854-3
0603 PROBE PAD

SMF53K0JT

2K Ω , Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 5 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, Height .268 in [6.8 mm], CGS SM



TE Part #2-520128-2
ULTRA-FAST 250 ASY REC 22-18 AWG
TPBR

TE Part #5-2176329-1
CRGP 1210 150K 1%

TE Part #1625868-9
RP 2A 0.25W 2K21 0.1% 25PPM 1K RL

TE Part #6504744001
DR-25-TW-3/32-0-SP

TE Part #1-1879234-8
SMF5 2K7 5%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879234-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879234-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879234-9_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