



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

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

Configuration Features

Number of Resistors	1
---------------------	---

Electrical Characteristics

Voltage Rating	500 V
Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	1K Ω
Power Rating	3 W

Termination Features

Number of Terminations	2
------------------------	---



Surface Mount Resistor Termination TypeSolder

Dimensions

Passive Component Dimensions	10.5 x 5.5 x 5 mm
------------------------------	-------------------

Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
-------------------------	-----------------------------------

Packaging Features

Packaging Method	Taped & Reeled
------------------	----------------

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

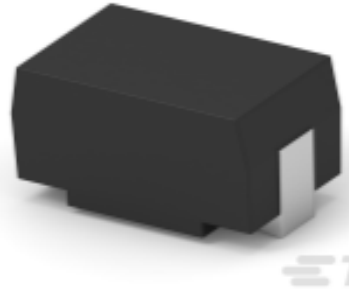
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

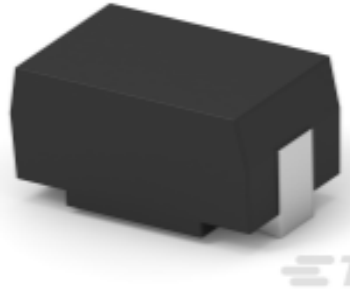
SMF31K0JT

1K Ω , Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 3 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 10.5 x 5.5 x 5 mm, CGS SM

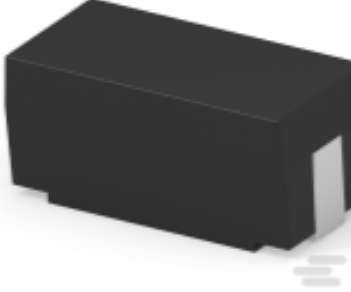




TE Part # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part # CAT-C339-SM1A
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



TE Part # 2176620-8
SMQF3W 1K0 5%

Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(2)



RJ14 Connectors(1)



RJ22 Connectors(1)



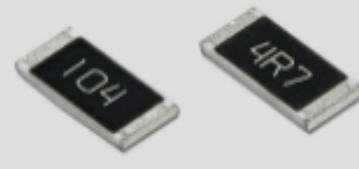
RJ25 Connectors(1)



RJ45 Connectors(3)



SC Connectors(2)



Surface Mount Resistors(554)

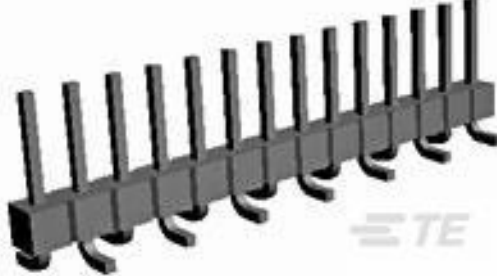
Customers Also Bought



TE Part #5-1393789-1
V23079G2003B301



TE Part #1879021-3
SMW3 R12 5%



TE Part #1241150-5
5P MOD II BREAK AWAY HDR , SMD, BLISTER



TE Part #3-1761603-0
IDC LOW PRO HDR 30P VERT BLUE

SMF31K0JT

1K Ω , Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 3 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 10.5 x 5.5 x 5 mm, CGS SM



TE Part #2-215911-0
20 WAY GREY MK II RECP

TE Part #826631-2
2P AMPMODU II PIN HEADER

TE Part #4-1624113-9
3650 2A 0.15uH 5% 2K RL

TE Part #1-825437-0
MOD 2 PINHDR 1X10P

TE Part #1SNK508066R0000
ZS10-BK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1879022-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879022-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879022-3_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

SMF31K0JT

1K Ω , Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 3 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 10.5 x 5.5 x 5 mm, CGS SM

