



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
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Electrical Characteristics

Voltage Rating	500 V
Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	22K Ω
Power Rating	3 W

Termination Features

Number of Terminations	2
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Surface Mount Resistor Termination Type	Solder
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Dimensions

Passive Component Dimensions	10.5 x 5.5 x 5 mm
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Usage Conditions

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

Packaging Features

Packaging Method	Taped & Reeled
100% Taped & Reeled	100%
90% Taped & Reeled	90%
80% Taped & Reeled	80%
70% Taped & Reeled	70%
60% Taped & Reeled	60%
50% Taped & Reeled	50%
40% Taped & Reeled	40%
30% Taped & Reeled	30%
20% Taped & Reeled	20%
10% Taped & Reeled	10%
0% Taped & Reeled	0%

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°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

SMF322KJT

22K 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 # 1879233-9
SMW5 R22 5%

TE Part # 4-2176620-0
SMQF3W 22K 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 #1-207303-3
CPC RECPT ASSEMBLY SIZE 17-16

TE Part #5-2176231-5
3522 1K8 1% 3W

TE Part #5650945-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

TE Part #5650408-5
ASSEMBLY,RECEPTACLE,EURO,TYPE

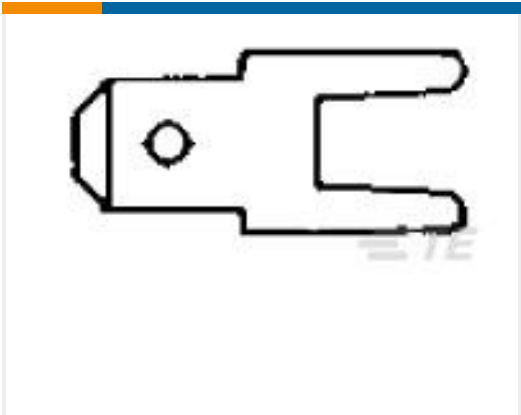
SMF322KJT

22K 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 #640388-5
05P MTA156 HDR ASSY RN STR F/L



TE Part #1-726388-2
187 FASTON,TAB,TPBR



TE Part #1571610-2
Sealed R/A Tact switch, Sealed



TE Part #1-1393253-7
W68-X2Q110-10=M6/M7/M9/W6/W7



TE Part #5747832-4
09 MSFL PLUG RA 590 (IN,FM,BL)



TE Part #1-640388-0
10P MTA156 HDR ASSY RN STR F/L

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1879022-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1879022-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1879022-5_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