

CGS | CGS SM

TE Internal #: 7-1879233-7

150 Ω , Wire Wound, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 5 W, ± 200 ppm/°C, Solder, Height .268 in [6.8 mm], CGS

SM

View on TE.com >



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



Resistor Type: Power Resistor

Number of Terminations: 2

Packaging Method: Taped & Reeled
Passive Component Tolerance: 5 %

Element Type: Wire Wound

All SMD Power Resistor: 7 Watt, 0.10-500 Ohm (229)

Surface Mount Resistor Termination Type

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	500 V
Passive Component Tolerance	5 %
Resistance Class	Up to $1k\Omega$
Resistance Value	150 Ω
Power Rating	5 W
Termination Features	
Number of Terminations	2

Solder

6.8 mm[.268 in]

13.5 mm[.531 in]

Dimensions

Product Height

Product Length



Product Width	7.3 mm[.287 in]
Usage Conditions	
Temperature Coefficient	±200 ppm/°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°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-SM1
SMD Power Resistor: 7 Watt, 200-2M
Ohm



Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(2)



RJ14 Connectors(1)



RJ22 Connectors(1)



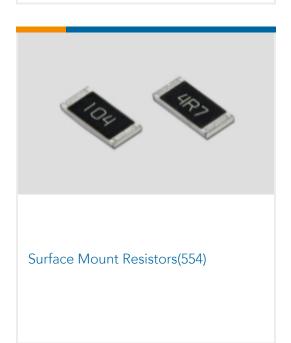
RJ25 Connectors(1)



RJ45 Connectors(3)



SC Connectors(2)



Customers Also Bought





TE Part #6-440054-2 HPI 2.0MM,HDR,2POSVERTICAL,BLK



PUSH-PUSH MICRO SIM

CONNECTOR















Documents

Product Drawings

SMW5 150R 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1879233-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1879233-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1879233-7_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

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