



CGS | CGS SMV

TE Internal #: 2176322-3

High Value/High Voltage Resistor, Metal Film, 1 W, 150K  $\Omega$ , 5 %,  $\pm 200$  ppm/ $^{\circ}\text{C}$ , Solder, 2 Termination, Height .14 in [3.55 mm], CGS

SMV

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: High Value/High Voltage Resistor

Element Type: Metal Film

Power Rating: 1 W

Resistance Value: 150K  $\Omega$

Resistance Class: 1k $\Omega$  - 1M $\Omega$

### Features

#### Product Type Features

Resistor Type	High Value/High Voltage Resistor
Element Type	Metal Film

#### Configuration Features

Number of Resistors	1
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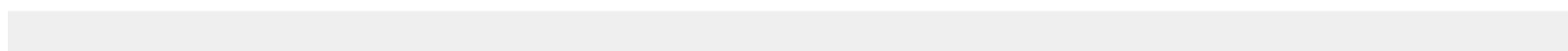
#### Electrical Characteristics

Power Rating	1 W
Resistance Value	150K $\Omega$
Resistance Class	1k $\Omega$ - 1M $\Omega$
Passive Component Tolerance	5 %

#### Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

#### Dimensions





Product Height	3.55 mm[.14 in]
Product Length	6.7 mm[.264 in]
Product Width	4 mm[.157 in]

### Usage Conditions

Temperature Coefficient	$\pm 200$ 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](https://www.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 $^{\circ}\text{C}$

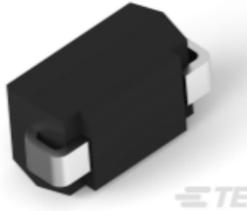
#### Product Compliance Disclaimer

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>

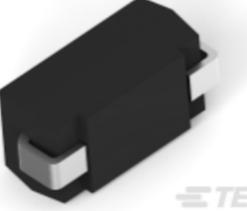
## Compatible Parts



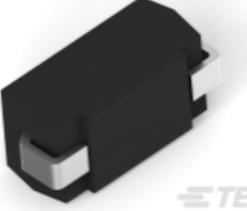
TE Part # 2176322-5  
SMV 1W 220K 5%



TE Part # 2176322-8  
SMV 1W 390K 5%



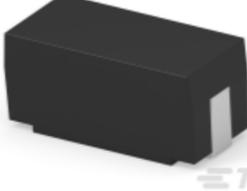
TE Part # 2-2176323-5  
SMV 2W 10M 5%



TE Part # 2176323-9  
SMV 2W 470K 5%



TE Part # 2176324-1  
SMV 3W 100K 5%



TE Part # 6-2176618-9  
SMQF1W 150K 5%

Also in the Series | CGS SMV

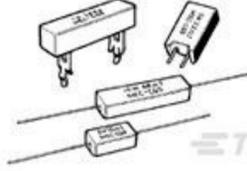


Surface Mount Resistors(75)

Customers Also Bought



TE Part # 1-1827876-6  
Header Assembly: Wire-to-Board, 5A, gold or tin plated



TE Part # 1-1623795-0  
SQP10 3R9 5% WIRE



TE Part # 6-1618241-0  
K81C235=RELAY, VACUUM, SPDT



TE Part # 2176412-4  
5W XSM M/OX 5% 6R8



TE Part # 2176322-5  
SMV 1W 220K 5%



TE Part # 2176322-6  
SMV 1W 270K 5%



TE Part # 1-1625999-2  
HSC100 1K5 5%



TE Part # 5-1393302-2  
V23134A0053G243-EV-CBOX



## Documents

### Product Drawings

[SMV 1W 150K 5%](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2176322-3\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2176322-3\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2176322-3\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Metal glaze High Voltage SMD Resistor Type SMV series](#)

English