

SMV1W3M9JT

✓ ACTIVE

CGS | CGS SMV

TE Internal #: 2-2176322-0

3.9M  $\Omega$ , Metal Film, High Value/High Voltage Resistor, 5 %, 2

Termination, Taped & Reeled, 1 W,  $\pm 200$  ppm/ $^{\circ}\text{C}$ , Solder, 6.7 x 4 x

3.55 mm, CGS SMV

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **High Value/High Voltage Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

Element Type: **Metal Film**

Features

Product Type Features

|               |                                  |
|---------------|----------------------------------|
| Product Type  | Fixed Resistor                   |
| Resistor Type | High Value/High Voltage Resistor |
| Element Type  | Metal Film                       |

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Passive Component Tolerance | 5 %                       |
| Resistance Class            | 1M $\Omega$ – 1G $\Omega$ |
| Resistance Value            | 3.9M $\Omega$             |
| Power Rating                | 1 W                       |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Number of Terminations                  | 2      |
| Surface Mount Resistor Termination Type | Solder |



Dimensions

|                              |                   |
|------------------------------|-------------------|
| Passive Component Dimensions | 6.7 x 4 x 3.55 mm |
|------------------------------|-------------------|

Usage Conditions

|                         |                                   |
|-------------------------|-----------------------------------|
| Temperature Coefficient | $\pm 200$ 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)<br>Candidate List Declared Against: JUL 2021 (219)<br>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

SMV1W3M9JT

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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%

Also in the Series | CGS SMV

Surface Mount Resistors(75)

Customers Also Bought

TE Part #2309409-2  
DDR4 SODIMM 260P 5.2H STD

TE Part #3-2176055-2  
RLP73K 2B R20 1% 1K RL

TE Part #280360  
AMPMODU II REC. HSG, SINGLE ROW 6 POS

TE Part #181270-2  
MOD II CONTACT L.P.

Documents

Product Drawings  
SMV 1W 3M9 5%

English

CAD Files  
3D PDF

3D

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Customer View Model

[ENG\\_CVM\\_CVM\\_2-2176322-0\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2176322-0\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2176322-0\\_BA.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English