

SMV3W1M2JT

✓ ACTIVE

CGS | CGS SMV

TE Internal #: 1-2176324-4

1.2M  $\Omega$ , Metal Film, High Value/High Voltage Resistor, 5 %, 2

Termination, Taped & Reeled, 3 W,  $\pm 200$  ppm/ $^{\circ}\text{C}$ , Solder, 13.5 x 7.3

x 6.8 mm, CGS SMV

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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            | 1.2M $\Omega$             |
| Power Rating                | 3 W                       |

Termination Features

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



Dimensions

|                              |                     |
|------------------------------|---------------------|
| Passive Component Dimensions | 13.5 x 7.3 x 6.8 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: JUNE 2023 (235)<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

SMV3W1M2JT

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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%

TE Part # 8-2176620-2  
SMQF3W 1M2 5%

Also in the Series | CGS SMV

Surface Mount Resistors(75)

Customers Also Bought

TE Part #5747301-8  
37 RCPT SP/FMS INSRT

TE Part #6609015-5  
6EF1F=F7325 S0

TE Part #8-1879234-1  
SMF5 1M1 5%

TE Part #350209-1  
02P CMNL HDR ASSY PC NATL

TE Part #1586515-2  
04P CMNL HDR ASSY PC UL94 LF

TE Part #1-1393143-1  
27E128=SOCKET,R10,10,PC,PHEN

TE Part #796949-8  
8 POS TERMI-BLOK PCB MOUNT

TE Part #1-1879417-0  
CPF 0603 430K 0.1% 25PPM 1K RL

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Documents

Product Drawings

SMV 3W 1M2 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2176324-4\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176324-4\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176324-4\_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