

## CGS | CGS SMV

TE Internal #: 2-2176324-4

 $8.2M~\Omega$ , Metal Film, High Value/High Voltage Resistor, 5 %, 2

Termination, Taped & Reeled, 3 W, ±200 ppm/°C, Solder, 13.5 x 7.3

x 6.8 mm, CGS SMV

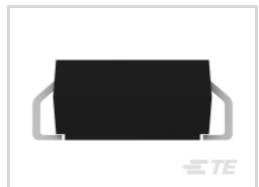
View on TE.com >



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 Fi	Fixed Resistor
Resistor Type Hi	High Value/High Voltage Resistor
Element Type M	Metal Film

## **Configuration Features**

## **Electrical Characteristics**

Passive Component Tolerance	5 %
Resistance Class	$1M\Omega - 1G\Omega$
Resistance Value	8.2M Ω
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	±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: JUL 2021 (219) 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°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%

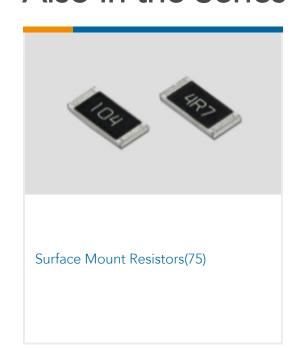








## Also in the Series | CGS SMV



# Customers Also Bought























## **Documents**

## **Product Drawings**

SMV 3W 8M2 5%

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176324-4\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176324-4\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176324-4\_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