SMV2W10MJT ✔ ACTIVE

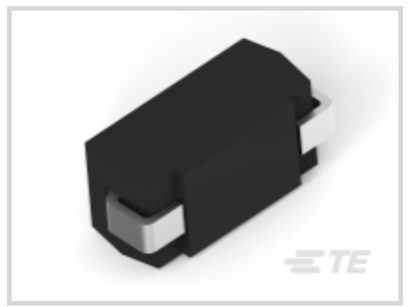
CGS | CGS SMV

TE Internal #: 2-2176323-5

10M ohm, Metal Film, High Value/High Voltage Resistor, 5 %, 2 W, ±200 ppm/°C, Solder, 2 Terminations, 5 mm [.197 in] Height, 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: **2 W**

Resistance Value: **10M Ω**

Resistance Class: **1MΩ – 1GΩ**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	2 W
Resistance Value	10M Ω
Resistance Class	1MΩ – 1GΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	5 mm[.197 in]
Product Length	10.5 mm[.413 in]
Product Width	5.5 mm[.217 in]

Usage Conditions

Temperature Coefficient	±200 ppm/°C

Industry Standards

ESD HBM Classification	2
UL Flammability Rating	UL 94V-0
Moisture Sensitivity Level	1

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

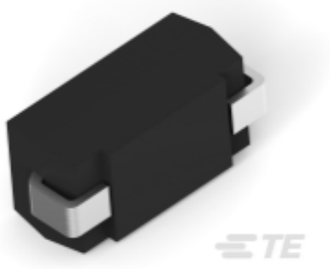
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

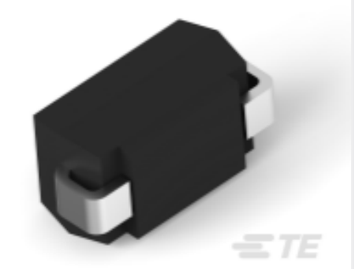
Product Compliance Disclaimer

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

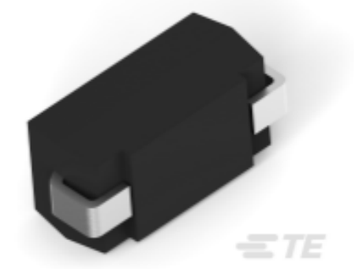
Compatible Parts



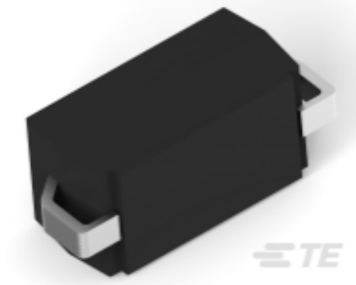
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SMV 2W 1M2 5%



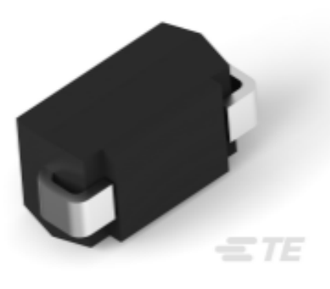
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SMV 1W 1M2 5%



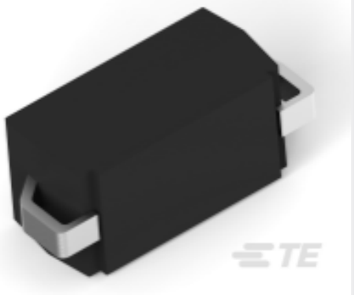
TE Part # 2-2176323-3
SMV 2W 6M8 5%



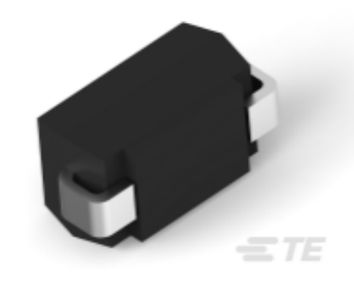
TE Part # 1-2176324-7
SMV 3W 2M2 5%



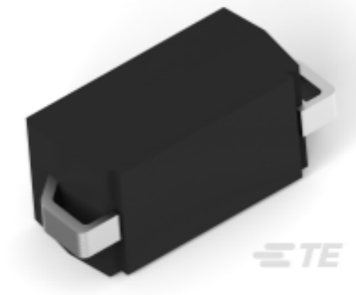
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SMV 1W 1M5 5%



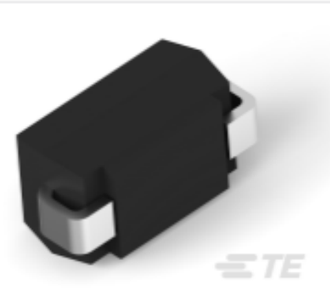
TE Part # 2-2176324-2
SMV 3W 5M6 5%



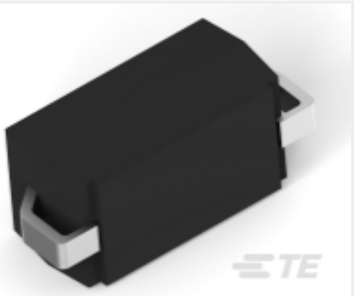
TE Part # 2176322-4
SMV 1W 180K 5%



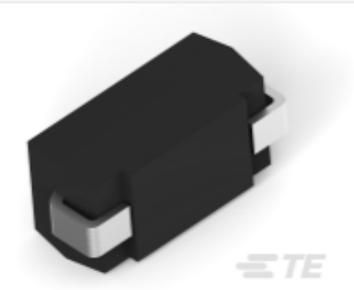
TE Part # 2176324-9
SMV 3W 470K 5%



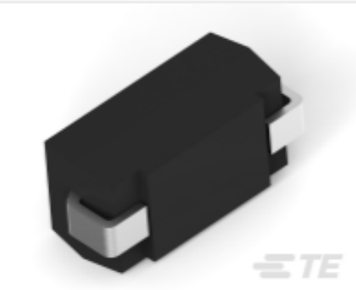
TE Part # 2176322-3
SMV 1W 150K 5%



TE Part # 2176324-8
SMV 3W 390K 5%



TE Part # 2176323-7
SMV 2W 330K 5%



TE Part # 2176323-5
SMV 2W 220K 5%



TE Part # 1-2176323-5
SMV 2W 1M5 5%



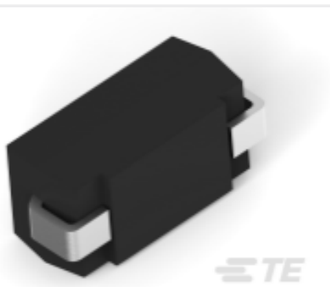
TE Part # 1-2176324-4
SMV 3W 1M2 5%



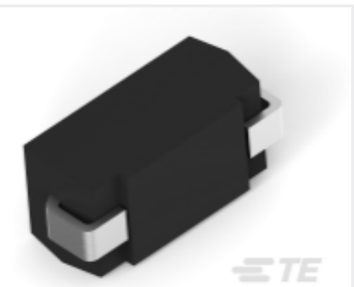
TE Part # 1-2176322-1
SMV 1W 680K 5%



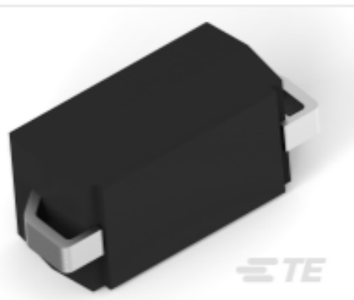
TE Part # 2176323-9
SMV 2W 470K 5%



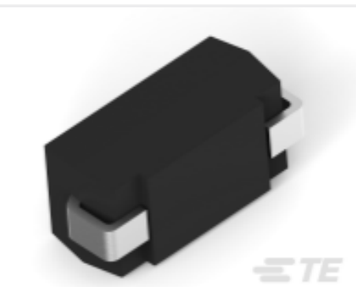
TE Part # 2-2176323-4
SMV 2W 8M2 5%



TE Part # 1-2176323-9
SMV 2W 3M3 5%

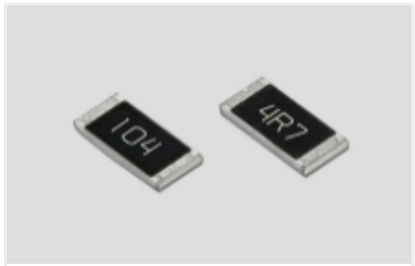


TE Part # 2176324-5
SMV 3W 220K 5%



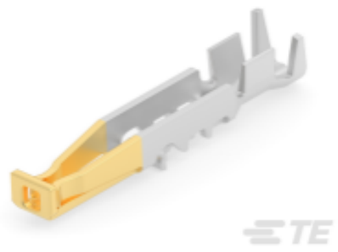
TE Part # 2176323-4
SMV 2W 180K 5%

Also in the Series | CGS SMV



Surface Mount Resistors(35)

Customers Also Bought



TE Part #464763-E
SRCROL A 2,54 2 C2022 500 137 * 9999 J 2



TE Part #1-406541-5
MJ,INV,1X1,0PNL G,.100"ST,SN



TE Part #7-1393243-6
RT424524



TE Part #1473005-4
SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 5



TE Part #1618002-7
EV200AAANA=RELAY, EV200 SPST-N



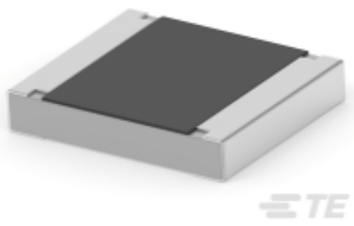
TE Part #3-1618389-7
LEV100A4ANG=RELAY, 12Vdc SPST-NO



TE Part #1625995-8
HSC75 220R 5%



TE Part #3-1676913-8
YR1 0.1% 226K



TE Part #1-2176346-1
CRGCQ 1210 47R 5%



TE Part #826467-9
9P MOD II SHROUDED HEADER, ST

Documents

Product Drawings

SMV 2W 10M 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176323-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176323-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2176323-5_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

Metal glaze High Voltage SMD Resistor Type SMV series

English