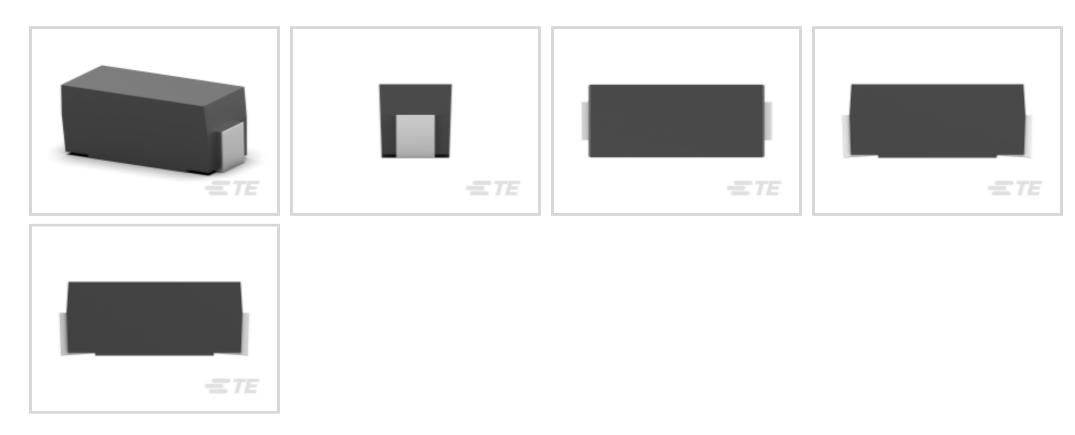
CGS | CGS SM TE Internal #: 6-2176460-5 Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range $1k\Omega - 1M\Omega \Omega$, 510K Ω , 7 W

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 7 Watt, 200-2M Ohm



Resistor Type: **Power Resistor** Number of Terminations: **2** Surface Mount Resistor Packaging Method: **Taped & Reeled** Surface Mount Resistor Tolerance: **5%** Element Type: **Metal Film**

All SMD Power Resistor: 7 Watt, 200-2M Ohm (340)



Features

Product Type Features

Product Type	Fixed Resistor
Element Material	Metal Film
Resistor Type	Power Resistor
Element Type	Metal Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Voltage Rating	750 V
Surface Mount Resistor Tolerance	5%
Resistance Range	1kΩ – 1MΩ Ω
Surface Mount Resistor Resistance	510ΚΩ
Surface Mount Resistor Power Rating	7 W

Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range $1k\Omega - 1M\Omega \Omega$, 510K Ω , 7 W



Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder
Mechanical Attachment	
Mount Style	Surface Mount
Dimensions	
Surface Mount Resistor Dimensions	23 x 9.5 x 9.6 mm
Usage Conditions	
Temperature Coefficient	±100 ppm/°C
Packaging Features	
Surface Mount Resistor 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

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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

China RoHS 2 Directive MIIT Order No 32, 2016

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

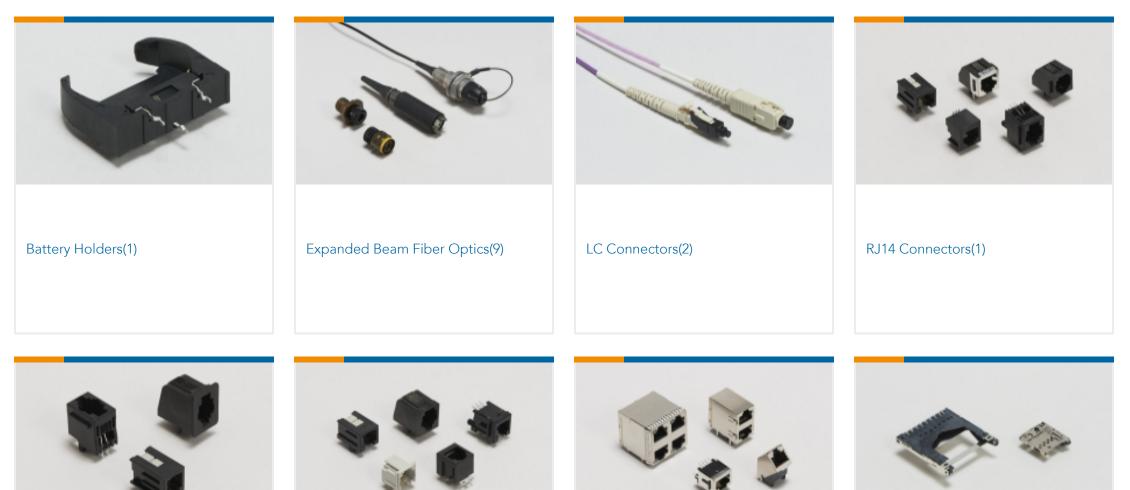
Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range $1k\Omega - 1M\Omega \Omega$, 510K Ω , 7 W



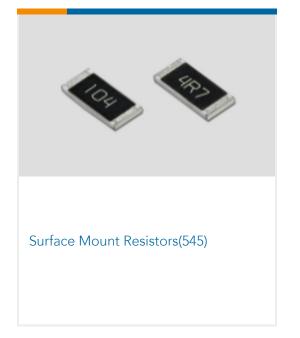
Compatible Parts



Also in the Series | CGS SM



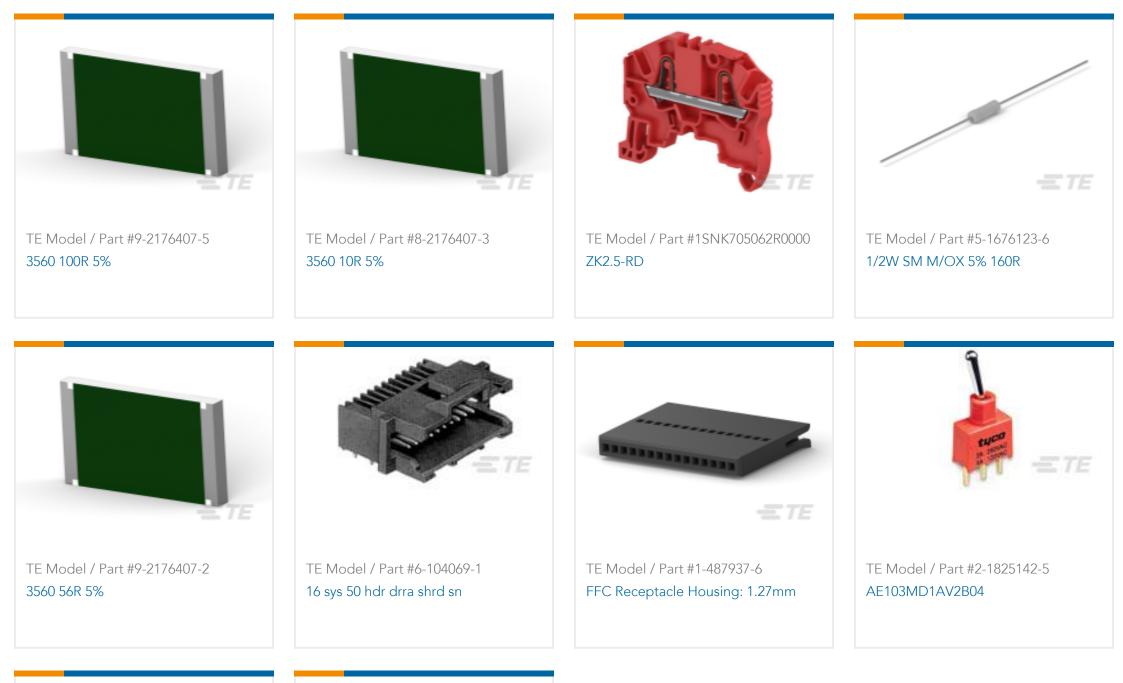
RJ22 Connectors(1)	RJ25 Connectors(1)	RJ45 Connectors(3)	SD Card Connectors(1)



Customers Also Bought

Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range 1k Ω – 1M Ω Ω , 510K Ω , 7 W







Documents

Product Drawings SMF 7W 510K 5% Taped

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_6-2176460-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-2176460-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2176460-5_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

C For support call+1 800 522 6752

Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range 1k Ω – 1M Ω Ω , 510K Ω , 7 W



SMD Moulded Power Resistor - Type SM Series - Tyco Electronics Passives

English