

## CGS | CGS SM

TE Internal #: 1-2176460-8

Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range  $1k\Omega-1M\Omega$   $\Omega$ , 5.6K  $\Omega$ , 7

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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	$1k\Omega - 1M\Omega$ Ω
Surface Mount Resistor Resistance	5.6K Ω
Surface Mount Resistor Power Rating	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	

Taped & Reeled

## **Product Compliance**

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

Surface Mount Resistor Packaging Method

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: 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

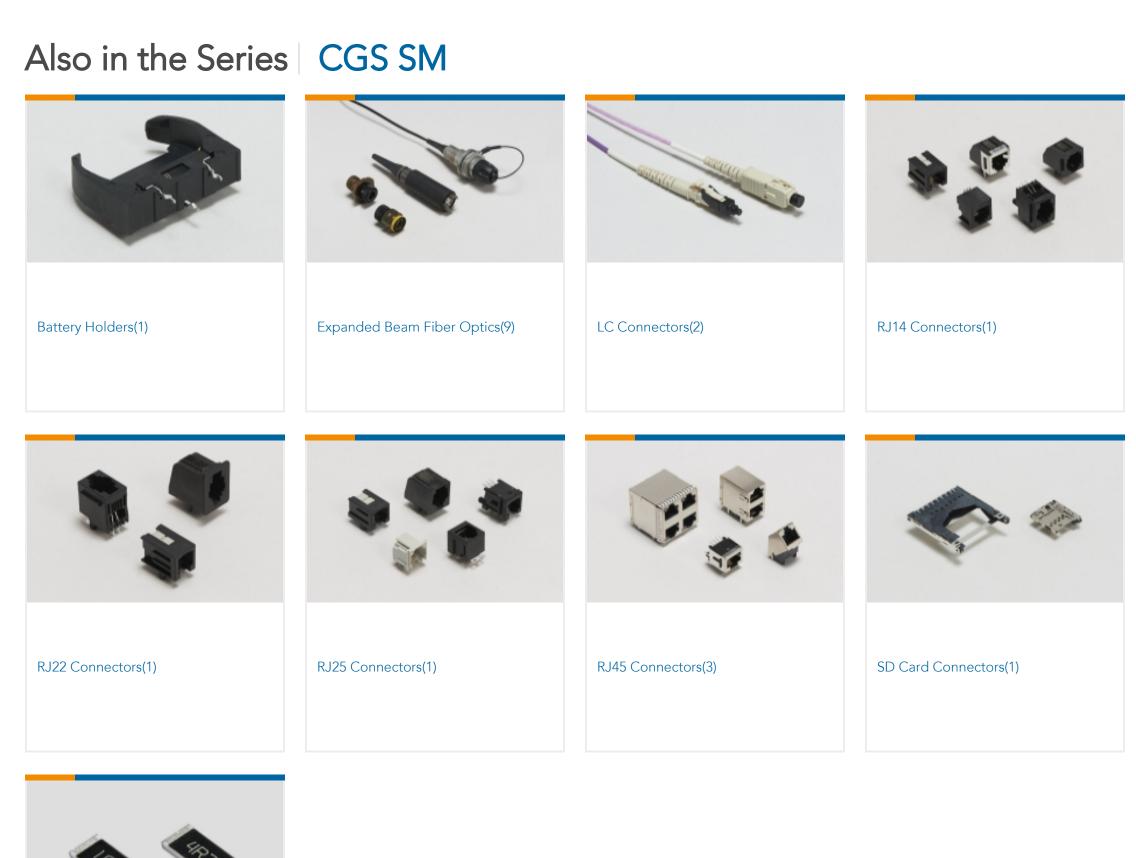
#### Product Compliance Disclaimer

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





Surface Mount Resistors(545)

Customers Also Bought





TE Model / Part #9-2176407-5 3560 100R 5%

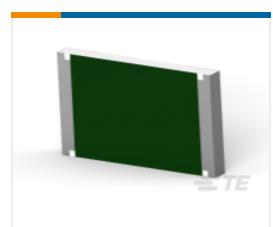


TE Model / Part #8-2176407-3 3560 10R 5%



TE Model / Part #1SNK705062R0000 ZK2.5-RD





TE Model / Part #9-2176407-2 3560 56R 5%



TE Model / Part #6-104069-1 16 sys 50 hdr drra shrd sn



TE Model / Part #1-487937-6
FFC Receptacle Housing: 1.27mm







#### **Documents**

**Product Drawings** 

SMF 7W 5K6 5% Taped

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176460-8\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176460-8\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2176460-8\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Surface Mount Resistors, Power Resistor, 2 Termination, Taped & Reeled, 5%, Metal Film, Resistance Range 1k $\Omega$  – 1M $\Omega$   $\Omega$ , 5.6K  $\Omega$ , 7 W



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

English