

CGS | CGS SM

TE Internal #: 2176460-7

2K ohm, Metal Film, Power Resistor, 5 %, 7 W, ±100 ppm/°C,

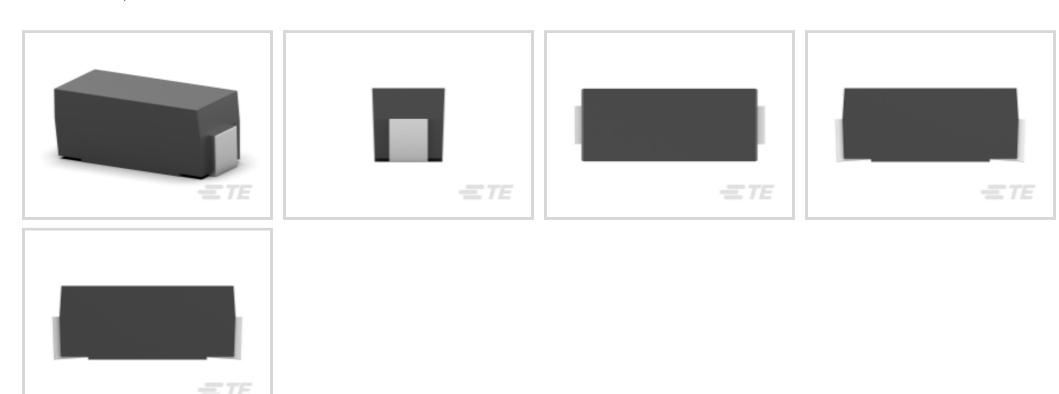
Solder, 2 Terminations, 9.6 mm [.378 in] Height, 23 mm [.906 in]

Length, CGS SM

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



Resistor Type: Power Resistor

Element Type: Metal Film

Power Rating: 7 W

Resistance Value: $2K\Omega$

Resistance Class: $1k\Omega - 1M\Omega$

All SMD Power Resistor: 7 Watt, 200-2M Ohm (316)

Surface Mount Resistor Termination Type

Features

Product Type Features

Troduct Type reduces	
Resistor Type	Power Resistor
Element Type	Metal Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	750 V
Power Rating	7 W
Resistance Value	2Κ Ω
Resistance Class	$1k\Omega - 1M\Omega$
Passive Component Tolerance	5 %
Termination Features	

Solder



Number of Terminations	2

Dimensions

Product Height	9.6 mm[.378 in]
Product Length	23 mm[.906 in]
Product Width	9.5 mm[.374 in]

Usage Conditions

Industry Standards

UL Flammability Rating	UL 94V-0
ESD HBM Classification	2
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 2024 (241) 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



Also in the Series | CGS SM



Expanded Beam Fiber Optics(5)



LC Connectors(1)



RJ14 Connectors(1)



RJ22 Connectors(1)



RJ25 Connectors(1)



RJ45 Connectors(3)



SC Connectors(2)



Surface Mount Resistors (549)

Customers Also Bought























Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176460-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176460-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176460-7_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

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

English