SMW56R8FT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 4-1879235-5

6.8 Ω, Wire Wound, Power Resistor, 1 %, 2 Termination, Taped & Reeled, 5 W, ±200 ppm/°C, Solder, 13.5 x 7.3 x 6.8 mm, CGS SM

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 7 Watt, 0.10-500 Ohm

Resistor Type: **Power Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Element Type: **Wire Wound**

All SMD Power Resistor: 7 Watt, 0.10-500 Ohm (229)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	500 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	6.8 Ω
Power Rating	5 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: JUNE 2022 (224) 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	Wave solder capable to 265°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 # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part # 1879233-9
SMW5 R22 5%

Also in the Series | CGS SM

Battery Holders(1)

Expanded Beam Fiber Optics(9)

LC Connectors(2)

RJ14 Connectors(1)

RJ22 Connectors(1)

RJ25 Connectors(1)

RJ45 Connectors(3)

Surface Mount Resistors(554)

Customers Also Bought

TE Part #3-84534-0
1.25MM FFC POST PLATED V 30P

TE Part #4-1625867-8
RP 1J 0.166W 19R1 0.1% 25PPM 1K RL

TE Part #5-2176304-3
RP 1E 0.1W 34R8 0.1% 25PPM 5K RL

TE Part #8-2176370-0
RQ 0603 2K87 0.1% 10PPM 5K RL

TE Part #1-2176369-6
RQ 0603 57R6 0.1% 10PPM 5K RL

TE Part #3-1879352-8
RR02 5% 11R AMMO

TE Part #1-2232044-4
4P, RAST 5 Tab Header, THV

TE Part #2176454-2
CPF 0201 63K4 0.1% 25ppm 1K RL

TE Part #3-1879207-4
RN 0603 340K 0.1% 10PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1879235-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1879235-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1879235-5_BA.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