SMW7180RJT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 7-2176459-9

Power Resistor, Wire Wound, 7 W, 180 Ω, 5 %, ±200 ppm/°C, Solder, 2 Termination, Height .378 in [9.6 mm], Length .906 in [23 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**

Element Type: **Wire Wound**

Power Rating: **7 W**

Resistance Value: **180 Ω**

Resistance Class: **Up to 1kΩ**

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

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	7 W
Resistance Value	180 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Surface Mount Resistor Termination Type	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

Temperature Coefficient	±200 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

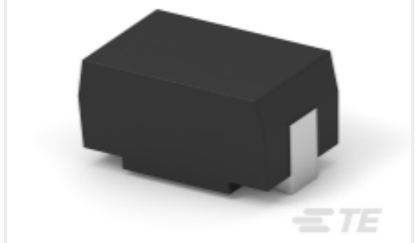
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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



TE Part # CAT-C339-SM1A
SMD Power Resistor: 7 Watt, 0.10-500 Ohm

Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(1)



RJ14 Connectors(1)



RJ22 Connectors(1)



RJ25 Connectors(1)



RJ45 Connectors(3)



SC Connectors(2)



Surface Mount Resistors(554)

Customers Also Bought



TE Part # 7-1879233-9
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



TE Part # 7-1676966-9
SMW2 180R 5%



TE Part # 2-1630019-9
HSC200 127R 5%



TE Part # 350793-3
04P UMNL PIN HDR ASSY 94VO LF



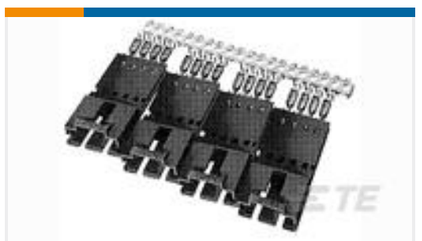
TE Part # 2-342143-1
TAPE MOUNTED 16-14 F.E. TERMIN



TE Part # EH3269-000
ZH150-40/20-0-SP



TE Part # 5-103945-3
4X4 MTE SHRD PIN SR LATCH .100



TE Part # 5-103946-1
8X2 MTE SHRD PIN SR POL .100CL



TE Part # 5-103957-7
2X8 MTE RCPT SR LATCH .100CL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_7-2176459-9_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_7-2176459-9_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_7-2176459-9_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

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

English