# SMW53R9JT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 3-1879233-9

Power Resistor, Wire Wound, 5 W, 3.9 ohm, 5 %, ±200 ppm/°C, Solder, 2 Termination, Height 6.8 mm [.268 in], Length 13.5 mm [.531 in], 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: **5 W**

Resistance Value: **3.9 Ω**

Resistance Class: **Up to 1kΩ**

All SMD Power Resistor: 7 Watt, 0.10-500 Ohm (141)

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 500 V |
| Power Rating | 5 W |
| Resistance Value | 3.9 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 | 6.8 mm[.268 in] |
| Product Length | 13.5 mm[.531 in] |

| | |
|---|---|
| Product Width | 7.3 mm[.287 in] |

### Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±200 ppm/°C |

### Industry Standards

| | |
|---|---|
| Moisture Sensitivity Level | 1 |
| ESD HBM Classification | 2 |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

## Product Compliance

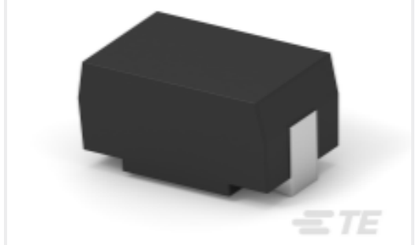
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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(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 #8-6609107-0
PS0S0DS3B=C1264



TE Part #3-1676966-9
SMW2 3R9 5%



TE Part #3-1393239-8
RT174012



TE Part #8-1437657-0
8PCV-04-006=#8 TRIBARRIER



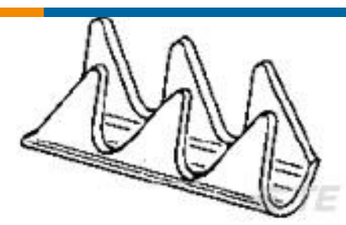
TE Part #5-1437648-7
4PCV-02-006=4PCV ASSEMBLY



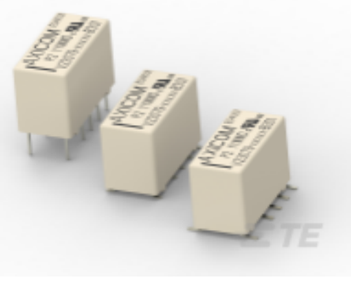
TE Part #1676470-2
RN 0805 97K6 0.1% 10PPM 1KRL



TE Part #9-2176306-5
RP 1E 0.1W 11K 0.1% 25PPM 5K RL



TE Part #926933-1
WIRE PIN 18-17 AWG .01 PTPB



TE Part #3-1393788-6
Small Signal Relay, Axicom P2 Standard

## Documents

### Product Drawings

SMW5 3R9 5%

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1879233-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1879233-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1879233-9_BA.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

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

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

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Global Electronic Components Distributor

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## TE Connectivity:

3631B101LL CRGCQ2010J3K3 SMW73R0JT TE50BR39J 141991-2 1743455-2 2380312-2 650075-000
2834055-1 3-1393225-0 2310537-1 MPT100C18RF U5254-000005-030PA 1903112-2 SBCHE154R7K
917696-1 CPF0402B37K4E1 ROX05SJ18R 175977-2 1969656-1 2005330-1 936348-1 RH73H2A40MKTN
SBCHE64R7K 2-292161-3 3430B2F51RTDF 1-794222-0 1-962915-1 1393431-1 2377783-2