SMW510RJT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 4-1879233-9

CGS SM, Surface Mount Resistors, Power Resistor, 2 Terminations, Taped & Reeled, 5%, Wirewound, Resistance Range Up to 1kΩ Ω, 10 Resistance

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Packaging Method: **Taped & Reeled**

Tolerance: **5%**

Element Type: **Wirewound**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wirewound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	500 V
Tolerance	5%
Resistance Range	Up to 1kΩ Ω
Resistance	10 Ω
Power Rating	5 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount

Dimensions

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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 4-1676966-9
SMW2 10R 5%



TE Model / Part # 6-1879021-1
SMW3 33R 5%



TE Model / Part # 1879233-9
SMW5 R22 5%



TE Model / Part # 1-1879022-3
SMF3 1K0 5%



TE Model / Part # 3-1676966-5
SMW2 2R7 5%

Also in the Series | CGS SM



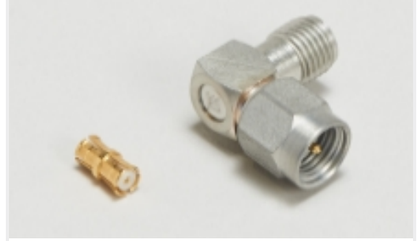
Battery Holders(1)



Coax Contacts(1)



Expanded Beam Fiber Optics(9)



In-Series Adapters(4)



LC Connectors(2)



RF Connector Hardware(2)



RF Connector Launchers(3)



RF Connector Shrouds(10)



RF Connectors(116)



RJ14 Connectors(1)



RJ22 Connectors(1)



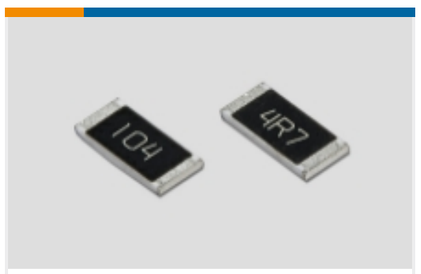
RJ25 Connectors(1)



RJ45 Connectors(3)



SD Card Connectors(1)



Surface Mount Resistors (369)

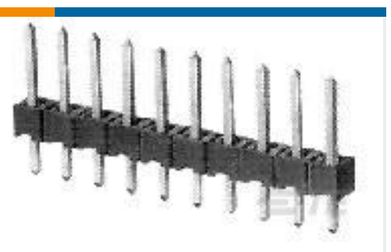
Customers Also Bought



TE Model / Part #4-1879233-1
SMW5 4R7 5%



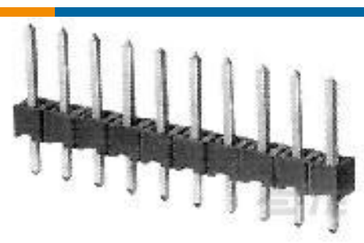
TE Model / Part #1625854-2
0805 PROBE PAD



TE Model / Part #825433-2
MOD 2 PINHDR 1X2 P.



TE Model / Part #1-1734775-1
Std USB Type A, Flag, T/H, 1.8A



TE Model / Part #826926-5
5P AMPMODU II STIFT LEI



TE Model / Part #1625854-1
1206 PROBE PAD



TE Model / Part #5-1879233-3
SMW5 15R 5%



TE Model / Part #5-1879233-7
SMW5 22R 5%



TE Model / Part #1473149-4
SEMI-HARD TRAY ASSY DDR2 SODIMM 5.2H ST

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1879233-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1879233-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1879233-9_BA.3d_stp.zip

English

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