SMF2330RJT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 1879011-5

Power Resistor, Metal Film, 2 W, 330 ohm, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height 3.55 mm [.14 in], Length 6.7 mm [.264 in], CGS SM

View on TE.com >

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



Resistor Type: **Power Resistor**

Element Type: **Metal Film**

Power Rating: **2 W**

Resistance Value: **330 Ω**

Resistance Class: **Up to 1kΩ**

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

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Metal Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	300 V
Power Rating	2 W
Resistance Value	330 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	3.55 mm[.14 in]
Product Length	6.7 mm[.264 in]

Product Width	4 mm[.157 in]

Usage Conditions

Temperature Coefficient	±100 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

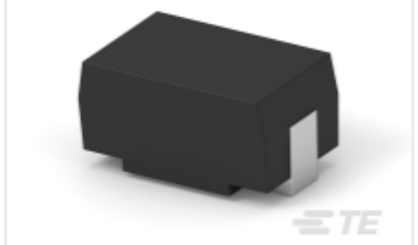
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JUNE 2024 (241) 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

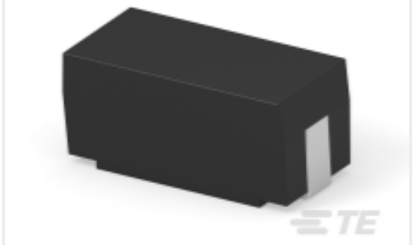
Compatible Parts



TE Part # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm

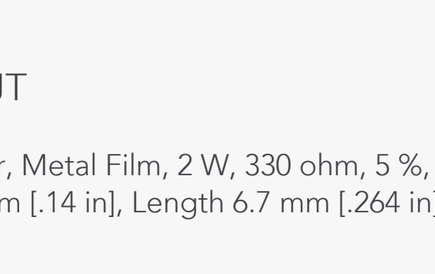


TE Part # 1879233-9
SMW5 R22 5%

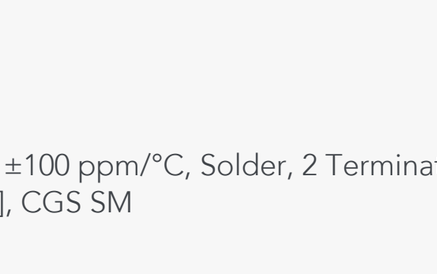


TE Part # 2176619-1
SMQF2W 330R 5%

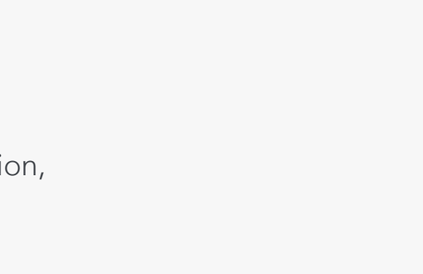
Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(1)

RJ14 Connectors(1)



RJ22 Connectors(1)



RJ25 Connectors(1)



RJ45 Connectors(3)

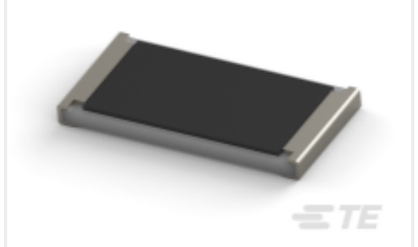


SC Connectors(2)



Surface Mount Resistors(549)

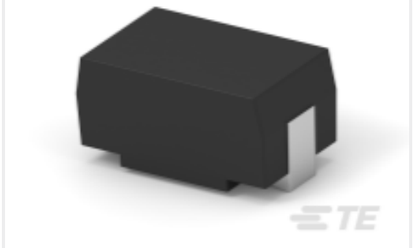
Customers Also Bought



TE Part #4-2176070-9
SMD Power Resistor: 2 Watt, 3521 Series



TE Part #917702-1
Signal Double Lock TPA



TE Part #3-1676966-9
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #1393236-2
V23092-A1005-A301



TE Part #917782-1
2.5 S.D.L POST HDR ASY 4P STD



TE Part #3-2176616-7
SMQW2W 3R3 5%

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1879011-5_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1879011-5_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1879011-5_BA.3d_stp.zip

English

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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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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