SMW3150RJT ✔ ACTIVE

CGS | CGS SM

TE Internal #: 7-1879021-7

Power Resistor, Wire Wound, 3 W, 150 ohm, 5 %, ±200 ppm/°C, Solder, 2 Termination, Height 5 mm [.197 in], Length 10.5 mm [.413 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: **3 W**

Resistance Value: **150 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

Operating Voltage	500 V
Power Rating	3 W
Resistance Value	150 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	5 mm[.197 in]
Product Length	10.5 mm[.413 in]

Product Width	5.5 mm[.217 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

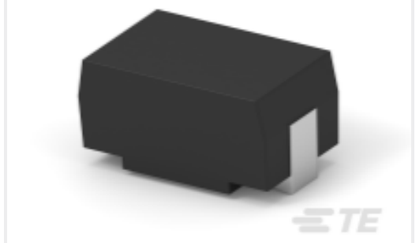
For compliance documentation, visit the product page on TE.com>

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) 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

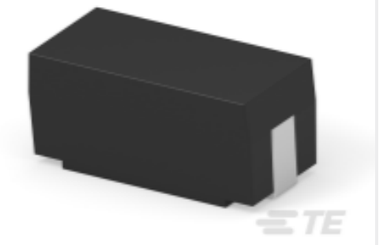
Compatible Parts



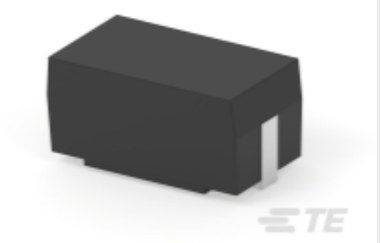
TE Part # CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part # 1879233-9
SMW5 R22 5%



TE Part # 7-2176617-7
SMQW3W 150R 5%



TE Part # 9-1879021-2
SMW3 R15 1%

Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(1)



RJ14 Connectors(1)



RJ22 Connectors(1)



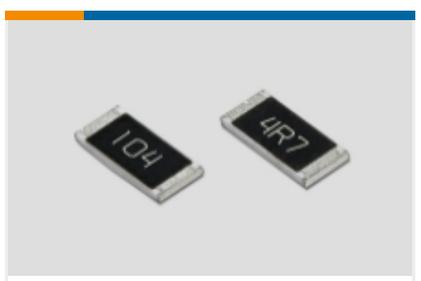
RJ25 Connectors(1)



RJ45 Connectors(3)



SC Connectors(2)



Surface Mount Resistors(549)

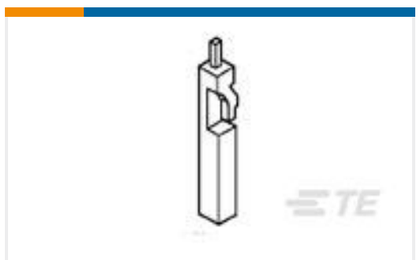
Customers Also Bought



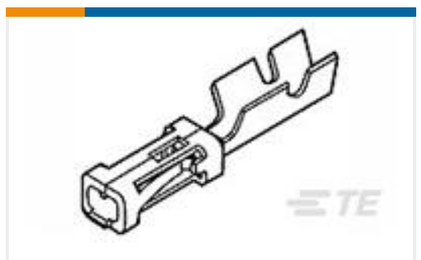
TE Part #188744-1
CONTACT REC HE14 COSI TIN PLATED



TE Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail



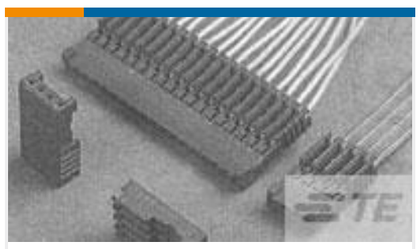
TE Part #926519-2
KEYING PLUG



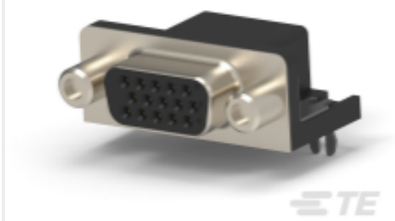
TE Part #166309-2
MOD-5 REC.CONTACT



TE Part #7-1879208-9
CPF 0402 18K 0.1% 25PPM 1K RL



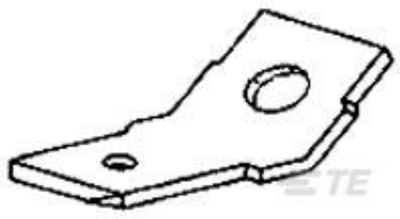
TE Part #281786-6
PLUG HE14 IDC 180 6 P AWG 28-26



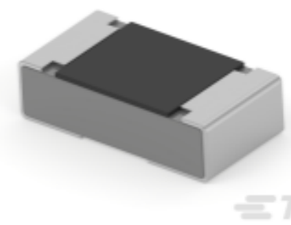
TE Part #2311763-3
AMPL REC, HD22, R/A, 15P, THREADED



TE Part #2182463001
55A0811-24-2



TE Part #61761-2
187 FASTON TAB TPBR



TE Part #5-2176474-5
RA73F 1J 2K0 0.1% 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_7-1879021-7_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_7-1879021-7_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_7-1879021-7_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:

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