SMF310KJT ✔ ACTIVE

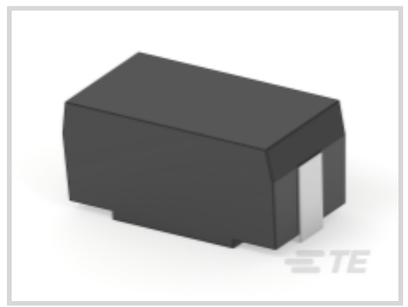
CGS | CGS SM

TE Internal #: 3-1879022-7

Power Resistor, Metal Film, 3 W, 10K Ω, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height .197 in [5 mm], Length .413 in [10.5 mm], 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: **3 W**

Resistance Value: **10K Ω**

Resistance Class: **1kΩ - 1MΩ**

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	500 V
Power Rating	3 W
Resistance Value	10K Ω
Resistance Class	1kΩ - 1MΩ
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

Operating Temperature Range	-55 - 200 °C
Temperature Coefficient	±100 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

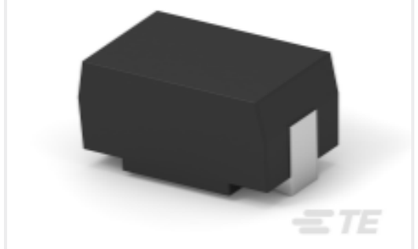
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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



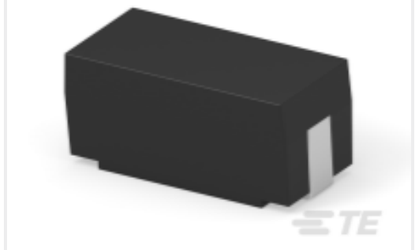
TE Part # CAT-C339-SM1

SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part # 1879233-9

SMW5 R22 5%



TE Part # 3-2176620-2

SMQF3W 10K 5%

Also in the Series | CGS SM



Battery Holders(1)



Expanded Beam Fiber Optics(9)



LC Connectors(2)



RJ14 Connectors(1)



RJ22 Connectors(1)



RJ25 Connectors(1)



RJ45 Connectors(3)

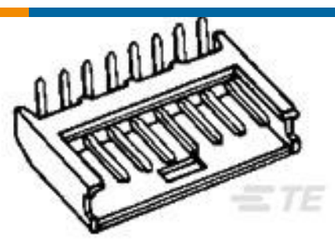


SC Connectors(2)



Surface Mount Resistors(554)

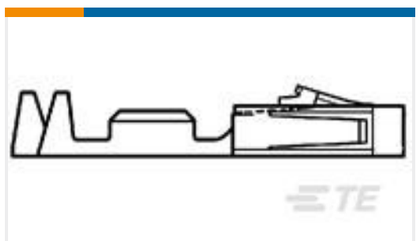
Customers Also Bought



TE Part # 280381-2
10P MODU II SHRD HDR,RT ANG, 0.38 AU



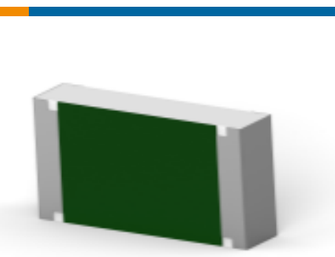
TE Part # 5-103634-3
04 MTE HDR SRRA LATCH.100CL LF



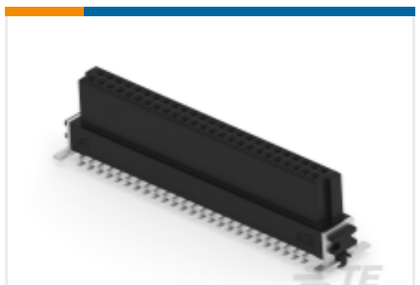
TE Part # 104479-8
SHORT POINT CONT PLTD SN



TE Part # 234041-E
M12 FEMALE, D CODE, 4P, 17MM SMT



TE Part # 5-2176398-0
3502 1M5 1%



TE Part # 154719-E
SMCB 50 F AB VV 7-03 CL * H007 137 E002

TE Part # 1SNA166523R1200
CC-R-VA



TE Part # 1-1393788-6
V23079A1005B301

TE Part # 2003332-F
SQ274-P015DUM8C5;PRES;0...15psi;4V;5V

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-1879022-7_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-1879022-7_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-1879022-7_BA.3d_stp.zip

English

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