



CGS | CGS SM

TE Internal #: 7-1879021-3

CGS SM, Surface Mount Resistors, Power Resistor, 2 Terminations, Taped & Reeled, 5%, Wirewound, Resistance Range Up to 1kΩ Ω, 100 Resistance

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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
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Electrical Characteristics

Voltage Rating	500 V
Tolerance	5%
Resistance Range	Up to 1kΩ Ω
Resistance	100 Ω
Power Rating	3 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions

Dimensions	10.5 x 5.5 x 5 mm
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Usage Conditions

Temperature Coefficient	±200 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

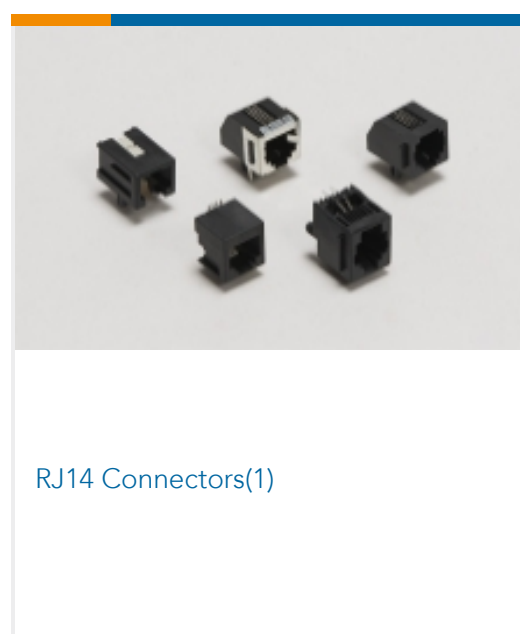
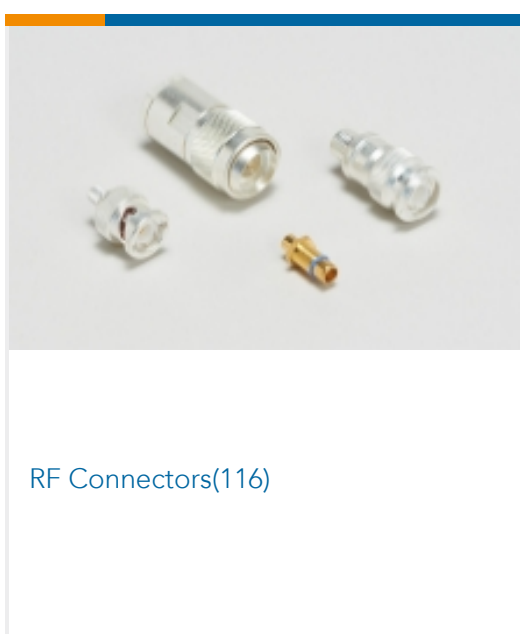
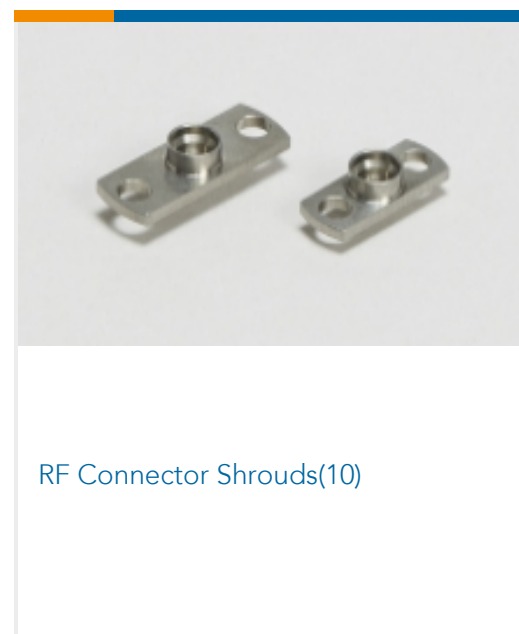
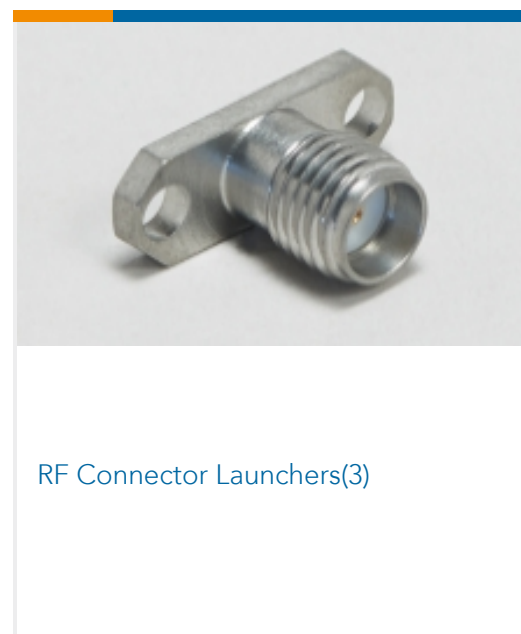
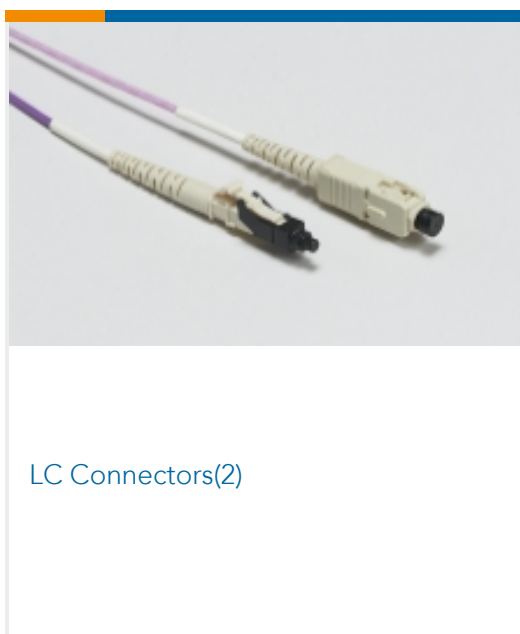
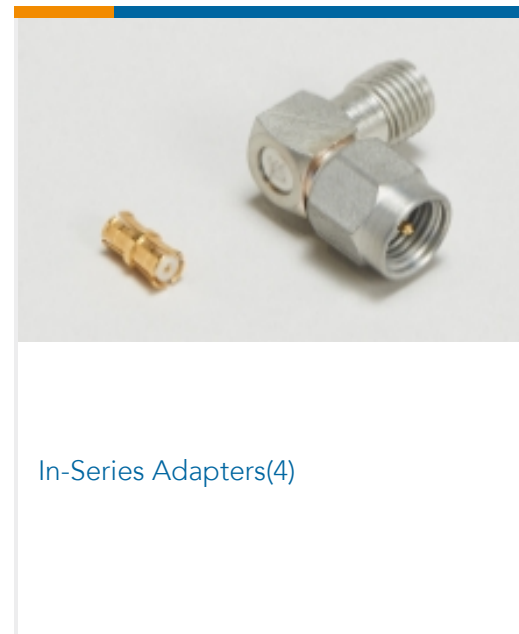
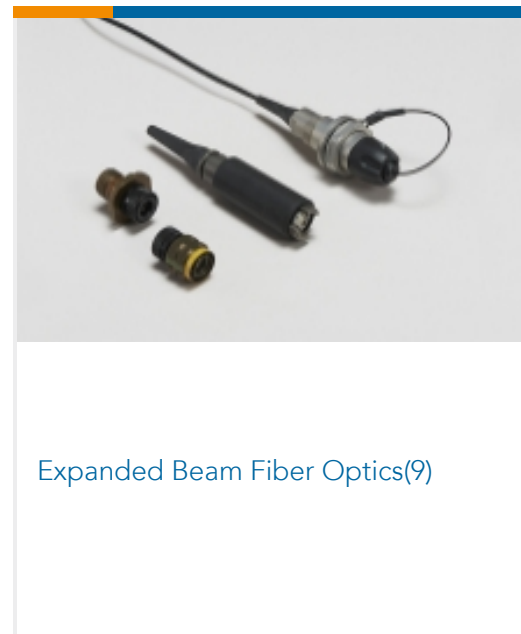
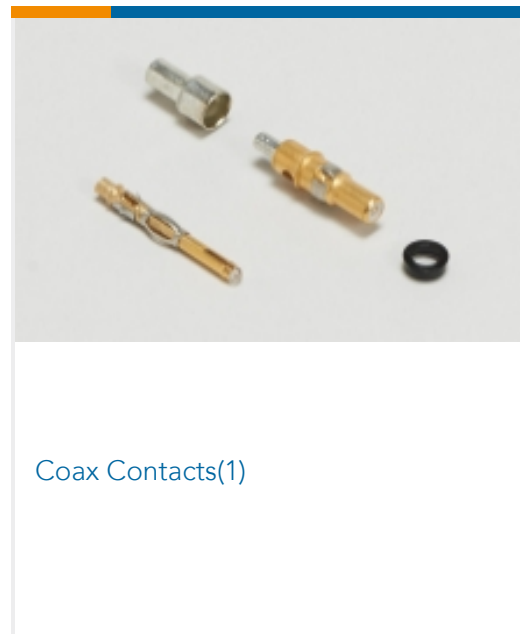
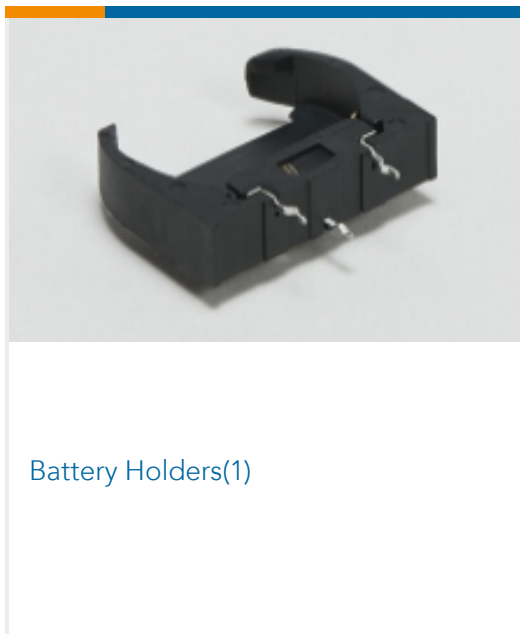
Product Compliance Disclaimer

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

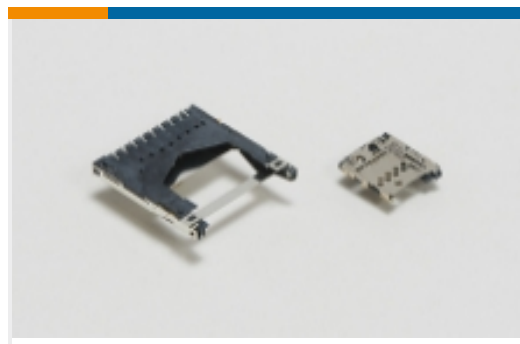


Also in the Series | **CGS SM**

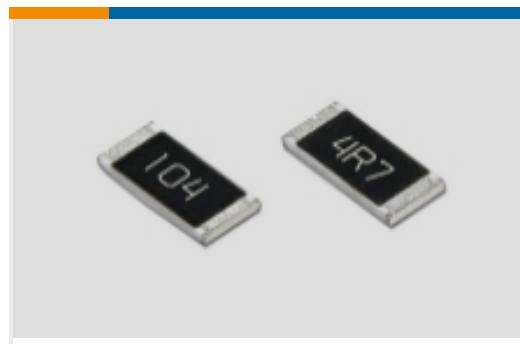




RJ45 Connectors(3)



SD Card Connectors(1)



Surface Mount Resistors(369)

Customers Also Bought



TE Model / Part #826936-3
3P AMPMODU II STIFT LEI



TE Model / Part #7-1879021-7
SMW3 150R 5%



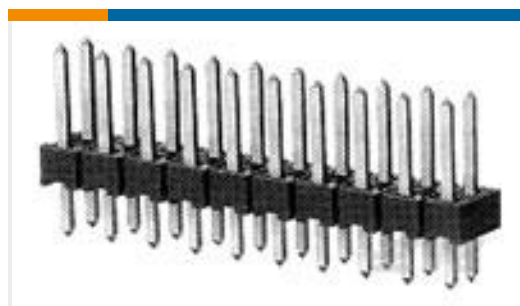
TE Model / Part #1625854-2
0805 PROBE PAD



TE Model / Part #7-1879021-5
SMW3 120R 5%



TE Model / Part #6-1879021-5
SMW3 47R 5%



TE Model / Part #826925-3
03P MODU 2 PIN HDR.



TE Model / Part #1571983-8
GDH06S04=DIP SWITCH



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

Documents

Product Drawings

[SMW3 100R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1879021-3_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879021-3_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879021-3_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

[SMD Moulded Power Resistor - Type SM Series - Tyco Electronics Passives](#)

English

Product Environmental Compliance

[MD_7-1879021-3_12122017122_dmtec](#)

English

[MD_7-1879021-3_12122017122_dmtec](#)

English