



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 1 Ω

Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **2.5 W**

Resistance Class: **Up to 1k Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Value	1 Ω
Power Rating	2.5 W
Resistance Class	Up to 1k Ω
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	5.33 mm[.21 in]
Product Length	11.6 mm[.457 in]
Product Width	5.84 mm[.23 in]

Usage Conditions

Temperature Coefficient	±20 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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Product Compliance

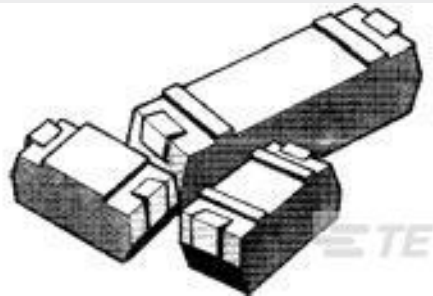
For compliance documentation, visit the product page on TE.com>

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 2025 (247) Candidate List Declared Against: JUNE 2023 (235) 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	Reflow solder capable to 260°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>

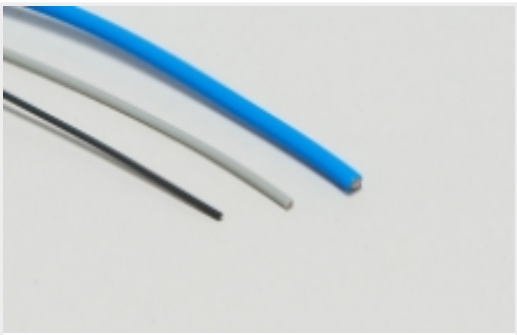
Compatible Parts

			
TE Part # 1624274-2 SP1 120R 1% TAPED	TE Part # 1624281-1 SP1 220R 5% TAPED	TE Part # 2-1624292-1 SP1 475R 0.1% TAPED	TE Part # 1624298-2 SP2 13R3 1%TAPED

Also in the Series | CGS SP

SP21R0FT

1 ohm, Surface Mount Power Resistor, Wire Wound, 2.5 W, 1 %, ±20 ppm/°C, Solder, 2 Terminations, 5.33 mm [.21 in] Height, CGS SP



Hook Up Wire(5)



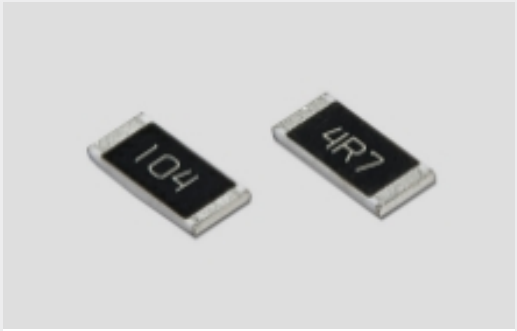
Power Cable(1)



RJ45 Connectors(9)



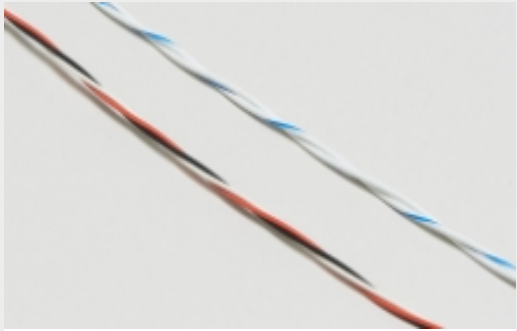
Standard Labels(8)



Surface Mount Resistors(36)



Through-Hole Resistors(1)

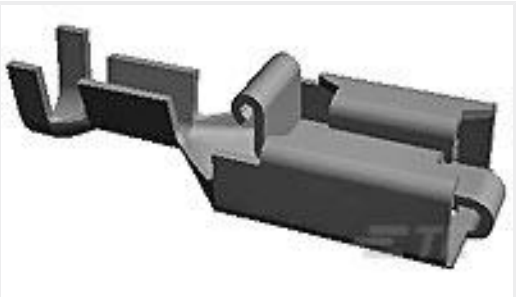


Twisted Pair Cable(1)

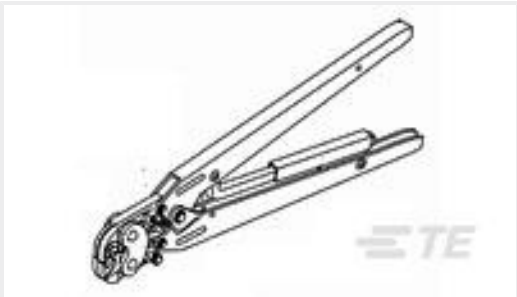
Customers Also Bought



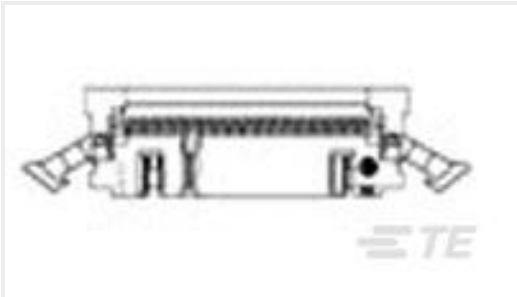
TE Part #1624298-2
SP2 13R3 1%TAPED



TE Part #341002-6
PL 250 REC TERMINAL 18-14 PTPB LP



TE Part #525651
DAHT POSITIVE LOCK 18-11 ASSY



TE Part #1-111506-6
010 UNIV I/O 30DP SLOT LTCH



TE Part #5052942064
RNF-100-3/32-0-STK

Documents

Product Drawings

SP2 1R0 1% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624300-1_BB.2d_dxf.zip

SP21R0FT

1 ohm, Surface Mount Power Resistor, Wire Wound, 2.5 W, 1 %, ±20 ppm/°C, Solder, 2 Terminations, 5.33 mm [.21 in] Height, CGS SP



English

Customer View Model

[ENG_CVM_CVM_1624300-1_BB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1624300-1_BB.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

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

English

[SMD Precision Current Sense Resistor - Type S Series - Tyco Electronics Passives](#)

English