SP21R0FT ✔ ACTIVE

CGS | CGS SP

TE Internal #: 1624300-1

1 ohm, Wire Wound, Power Resistor, 1 %, 2.5 W, ±20 ppm/°C, Solder, 2 Terminations, 5.33 mm [.21 in] Height, 11.6 mm [.457 in] Length, CGS SP

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **2.5 W**

Resistance Value: **1 Ω**

Resistance Class: **Up to 1kΩ**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	2.5 W
Resistance Value	1 Ω
Resistance Class	Up to 1kΩ
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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

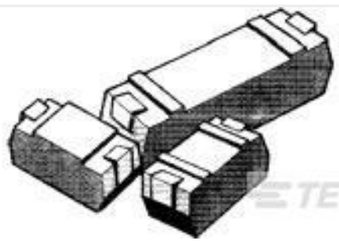
Product Compliance Disclaimer

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 # 1624298-2
SP2 13R3 1%TAPED



TE Part # 2-1624292-1
SP1 475R 0.1% TAPED

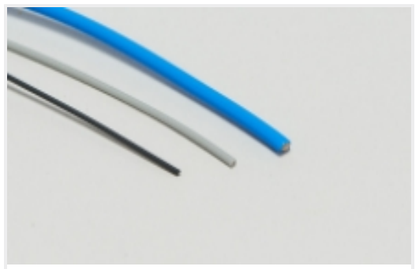


TE Part # 1624274-2
SP1 120R 1% TAPED



TE Part # 1624281-1
SP1 220R 5% TAPED

Also in the Series | CGS SP



Hook Up Wire(5)



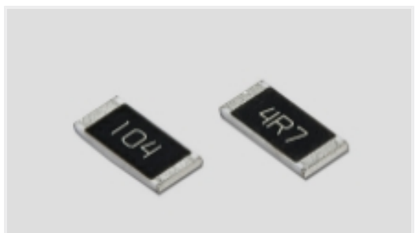
Power Cable(1)



RJ45 Connectors(9)



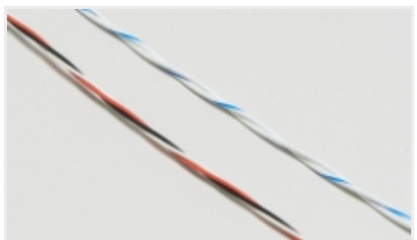
Standard Labels(8)



Surface Mount Resistors(36)



Through-Hole Resistors(1)



Twisted Pair Cable(1)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



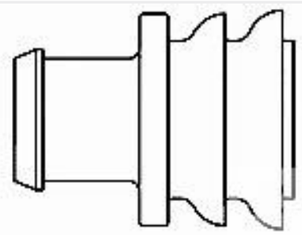
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

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

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 Precision Current Sense Resistor - Type S Series - Tyco Electronics Passives

English