3520120RJT ✔ ACTIVE

CGS | CGS 3520

TE Internal #: 1622820-5

Surface Mount Resistors, Power Resistor, 2 Termination, 2512, Taped & Reeled, 5 %, Thick Film, Resistance Class Up to 1kΩ, 120 Ω, 1 W, CGS 3520

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 1 Watt, 3520 Series



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

All SMD Power Resistor: 1 Watt, 3520 Series (132)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Package Size Code	2512
Element Type	Thick Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	200 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	120 Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	6.4 x 3.2 x .6 mm

Usage Conditions

Temperature Coefficient	±200 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

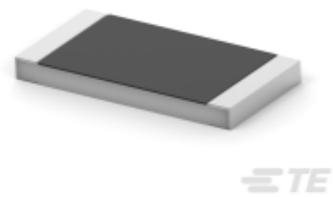
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

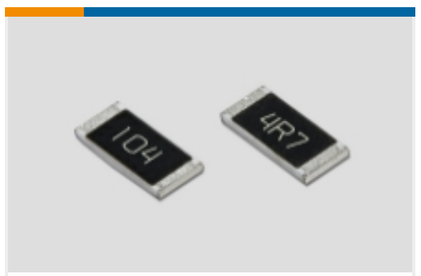
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-C339-A76
SMD Power Resistor: 1 Watt, 3520 Series

Also in the Series | CGS 3520



Surface Mount Resistors(133)

Customers Also Bought



TE Part #8-1625971-2
HSA25 R22 5%



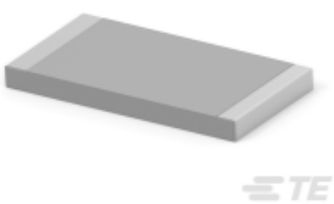
TE Part #1624097-1
3615A-10-3525-10 10UH



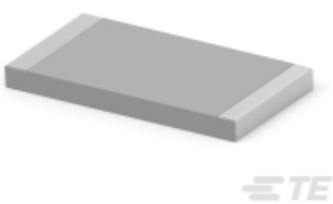
TE Part #5787443-1
HDR ASY,RA,NO KEY,RET TAIL



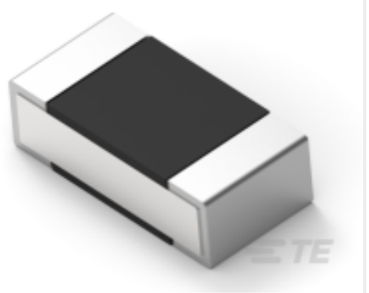
TE Part #7-1623931-9
CFR25 5% 82R



TE Part #5-2176331-4
CRGP 2512 270K 1%



TE Part #4-2176331-2
CRGP 2512 27K 1%



TE Part #8-2176306-1
RP 1E 0.1W 7K87 0.1% 25PPM 5K RL



TE Part #6-1622820-4
3520 82R 5%

Documents

Product Drawings

3520 120R 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_1622820-5_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622820-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622820-5_BA.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 Power Resistors - Type 3520 Series - Tyco Electronics Passives

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English