

352015KJT ✓ ACTIVE

CGS | CGS 3520

TE Internal #: 1622820-9

CGS 3520, Surface Mount Resistors, Power Resistor, 2 Terminations, Size Code 2512, Taped & Reeled, 5%, Thick Film, Resistance Range 1k Ω – 1M Ω Ω

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Number of Terminations: **2**

Size Code: **2512**

Packaging Method: **Taped & Reeled**

Tolerance: **5%**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	200 V
Tolerance	5%
Resistance Range	1k Ω – 1M Ω Ω
Resistance	15K Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions



Dimensions	6.4 x 3.2 x .6 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 with Exemptions
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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



TE Model / Part # 3-1622820-4
3520 2R2 5%



TE Model / Part # 1622820-2
3520 100R 5%



TE Model / Part # 1622820-4
3520 10R 5%

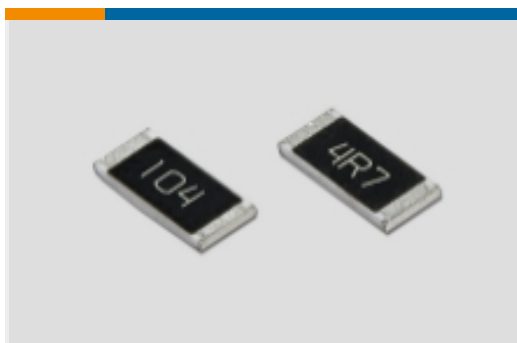


TE Model / Part # 1-1622820-0
3520 15R 5%



TE Model / Part # 4-1622820-1
3520 390R 5%

Also in the Series | CGS 3520



Surface Mount Resistors(132)

Customers Also Bought



TE Model / Part #4-1625892-2
3W SM M/OX 5% 33K



TE Model / Part #2-1622820-6
3520 22K 5%



TE Model / Part #3-1622820-9
3520 33K 5%



TE Model / Part #1623819-4
SBL4 R015 5%



TE Model / Part #4-1622820-9
3520 47K 5%



TE Model / Part #1-1625892-0
3W SM M/OX 5% 10K



TE Model / Part #3-1437566-8
FSM8JSMA=SW,TACT,SMT



Documents

Product Drawings

[3520 15K 5%](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1622820-9_BA.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1622820-9_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1622820-9_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