



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Size Code: **2512**

Packaging Method: **Folder**

Tolerance: **5%**

Features

Product Type Features

Product Type	Accessory
Resistor Type	General Purpose Resistor
Size Code	2512
Accessory Type	SMD Thick Film Resistor Kit
Element Type	Thick Film

Electrical Characteristics

Voltage Rating	250 V
Tolerance	5%
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	6.35 x 3.2 x 1.1 mm
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Packaging Features



Packaging Method

Folder

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

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019 (201)
 Candidate List Declared Against: JUL 2019 (201)
 Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019 (201)
 Candidate List Declared Against: JUL 2019 (201)

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 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

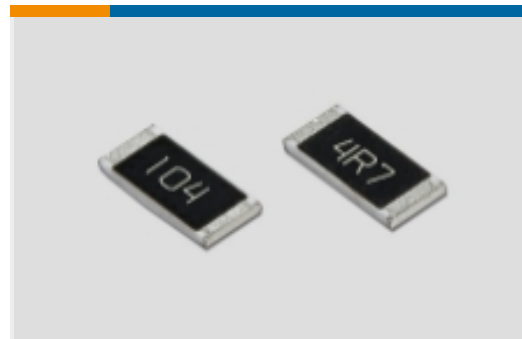


TE Model / Part # 2176439-6
3521 2W 1% 1R0-1M0 LAB-KIT



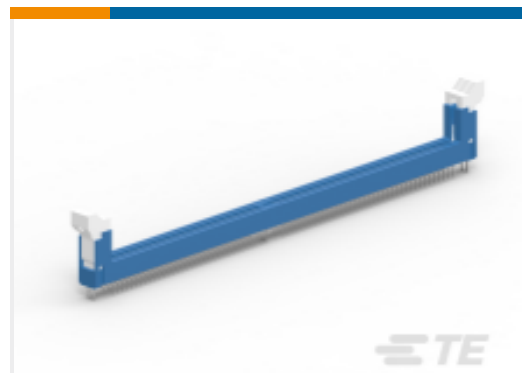
TE Model / Part # 2176439-7
3522 3W 1% ZR, 1R0 - 1M0 LAB-KIT

Also in the Series | **CGS 3522**



Surface Mount Resistors (220)

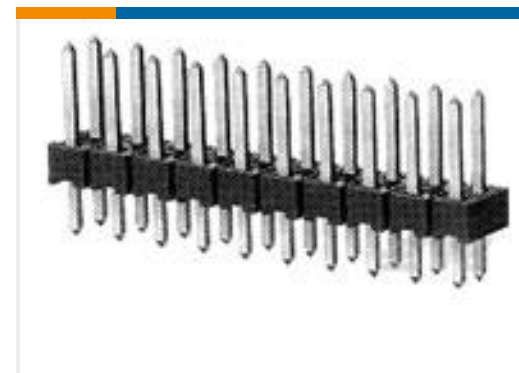
Customers Also Bought



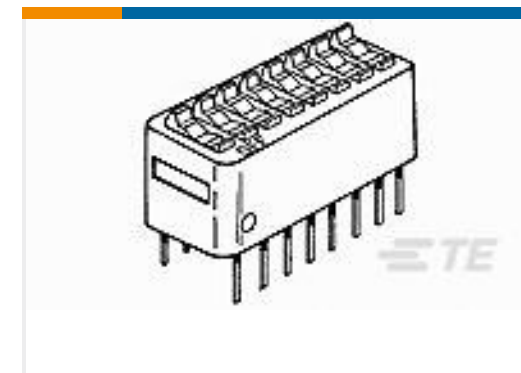
TE Model / Part #2308107-6
DDR4 DIMM 288 PIN TH TYPE



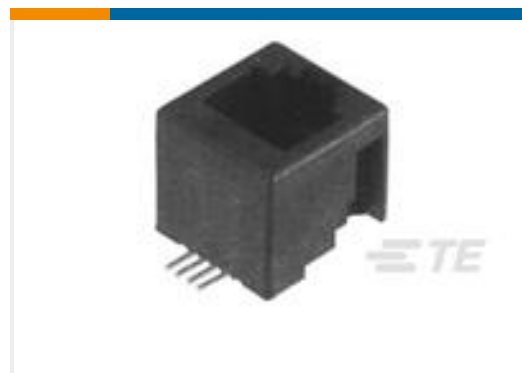
TE Model / Part #1-2007492-6
SFP+assy2x1 EMI Sprg Inner LP Sn Enhance



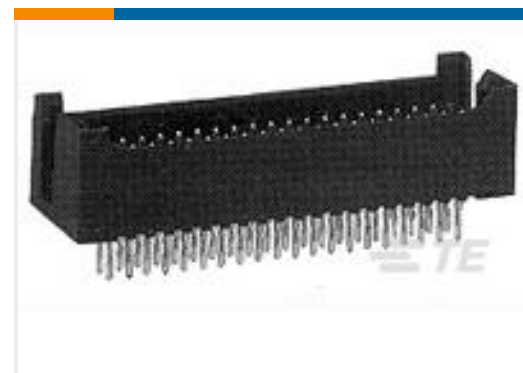
TE Model / Part #5-146265-4
08 MODII HDR DRST B/A 100 W/HD



TE Model / Part #3-435640-0
DIP SW 3 POSN AU



TE Model / Part #4-338088-3
8/8 INV.MOD.JACK



TE Model / Part #6-534257-0
40 MODII 2PC SHRD HDR W/HLDWN, ROHS



TE Model / Part #2337243-1
TACT MINI JB 5.2X5.2X1.5 70GF



TE Model / Part #2176306-4
RP 1E 0.1W 1K24 0.1% 25PPM 5K RL



TE Model / Part #8-2176304-3
RP 1E 0.1W 71R5 0.1% 25PPM 5K RL



TE Model / Part #1-2176372-5
RQ 0603 69K8 0.1% 10PPM 5K RL



Documents

Product Drawings

[3522 3W 5% ZR, 1R0 - 1M0 LAB-KIT](#)

English

[3522 3W 5% ZR, 1R0 - 1M0 LAB-KIT](#)

English

Datasheets & Catalog Pages

[SMD POWER RESISTORS - TYPE 3522 SERIES](#)

English