



Neohm | Neohm CRGH

TE Internal #: 2176439-1

Neohm CRGH, Surface Mount Resistors, General Purpose Resistor,  
2 Terminations, Size Code 0402, Folder, 1%, SMD Thick Film  
Resistor Kit, Thick Film

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Size Code: **0402**

Packaging Method: **Folder**

Tolerance: **1%**

## Features

### Product Type Features

Product Type	Accessory
Resistor Type	General Purpose Resistor
Size Code	0402
Accessory Type	SMD Thick Film Resistor Kit
Element Type	Thick Film

### Electrical Characteristics

Voltage Rating	50 V
Tolerance	1%
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	1 x .5 x .35 mm
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### Usage Conditions



Operating Temperature Range	-55 – 155 °C
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### Packaging Features

Packaging Method	Folder
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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
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 # 2176439-2  
CRGH 0603 1% 10R-1M0  
LAB-KIT



TE Model / Part # 2176439-3  
CRGH 0805 1% 10R-1M0  
LAB-KIT



TE Model / Part # 2176439-4  
CRGH 1206 1% 10R-1M0  
LAB-KIT



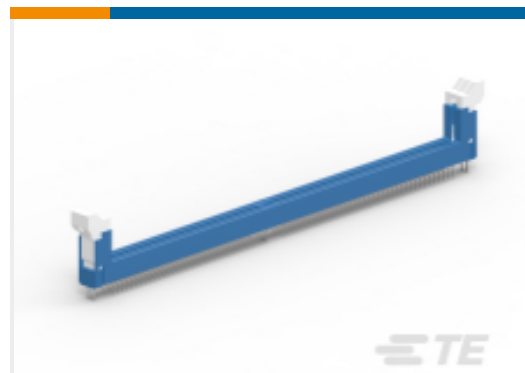
TE Model / Part # 2176439-5  
CRGH 2512 5% 10R-1M0  
LAB-KIT

Also in the Series | **Neohm CRGH**



Surface Mount Resistors  
(3661)

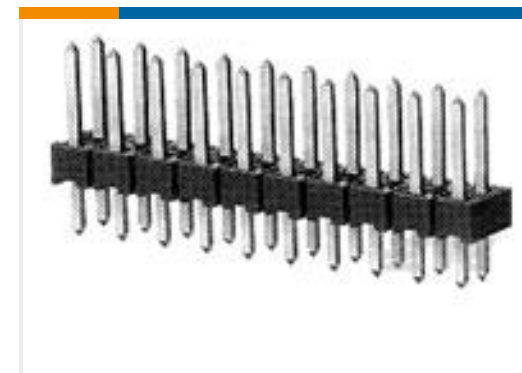
Customers Also Bought



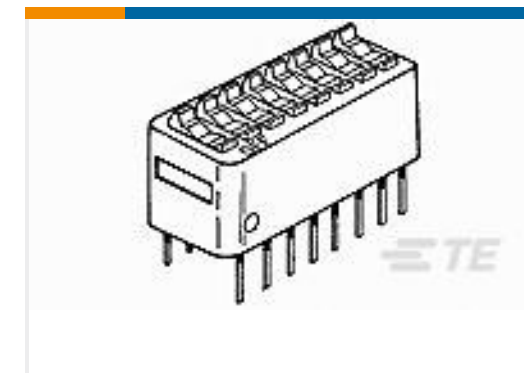
TE Model / Part #2308107-6  
DDR4 DIMM 288 PIN TH  
TYPE



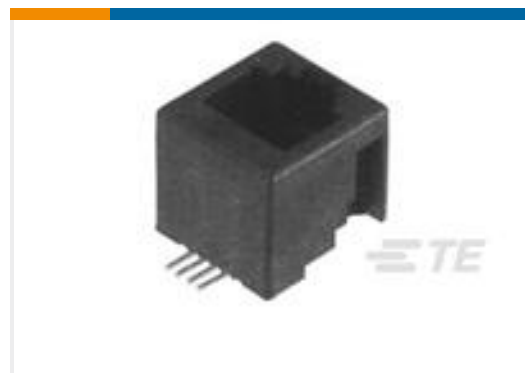
TE Model / Part #1-2007492-6  
SFP+assy2x1 EMI Sprg  
Inner LP Sn Enhance



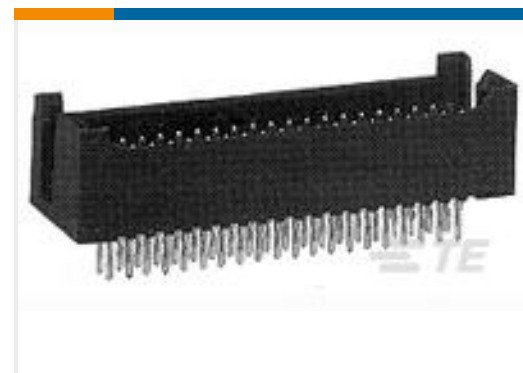
TE Model / Part #5-146265-4  
08 MODII HDR DRST B/A  
100 W/HD



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

[CRGH 0402 1% 10R-1M0 LAB-KIT](#)

English

[CRGH 0402 1% 10R-1M0 LAB-KIT](#)

English

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### Datasheets & Catalog Pages

[High Power Thick Film Chip Resistors](#)

English