



Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**  
Mount Style: **Surface Mount**  
Packaging Method: **Reeled**  
Dimensions: **.6 x .3 x .23 mm**  
Tolerance: **2%**

Features

Product Type Features

|               |                |
|---------------|----------------|
| Inductor Type | High Frequency |
| Shielded      | No             |
| Element Type  | Thin Film      |
| Size Code     | 0201           |

Electrical Characteristics

|                         |          |
|-------------------------|----------|
| Self Resonant Frequency | 9 GHz    |
| Tolerance               | 2%       |
| Inductance              | .0012 µH |
| Current Rating (Max)    | 300 mA   |
| DC Resistance           | .35 Ω    |

Body Features

|           |                         |
|-----------|-------------------------|
| Lead Type | Surface Mount Terminals |
|-----------|-------------------------|

Mechanical Attachment

|             |               |
|-------------|---------------|
| Mount Style | Surface Mount |
|-------------|---------------|

Dimensions

|            |                  |
|------------|------------------|
| Dimensions | .6 x .3 x .23 mm |
|------------|------------------|

Packaging Features

|                  |        |
|------------------|--------|
| Packaging Method | Reeled |
|------------------|--------|



Other

|                |                  |
|----------------|------------------|
| Comment        | Tolerance 0.2nH. |
| Quality Factor | 8                |

Product Compliance

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

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Yet Reviewed                                                                                                              |
| EU ELV Directive 2000/53/EC                   | Not Yet Reviewed                                                                                                              |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUL 2019 (201)<br>Candidate List Declared Against: JUN 2016 (169)<br>Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUL 2019 (201)<br>Candidate List Declared Against: JUN 2016 (169)                                |
| 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 # 7-1624108-0  
3640 0402 18nH 2% 1K RL



TE Model / Part # 2-1624108-5  
3640 0402 2.2nH +/-0.2nH 1K RL



TE Model / Part # 6-1624108-1  
3640 0402 5.6nH +/-0.2nH 1K RL



TE Model / Part # 6-1624108-3  
3640 0402 7.2nH +/-0.2nH 1K RL



TE Model / Part # 1624108-5  
3640 0402 22nH 5% 10K RL

Also in the Series | Sigma 3640



High Frequency & RF Inductors(116)

Customers Also Bought



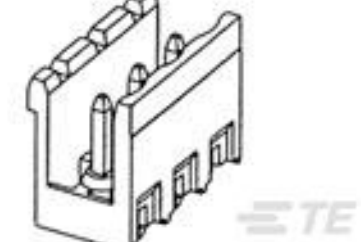
TE Model / Part #1-1879075-2  
THS25 R82 5%



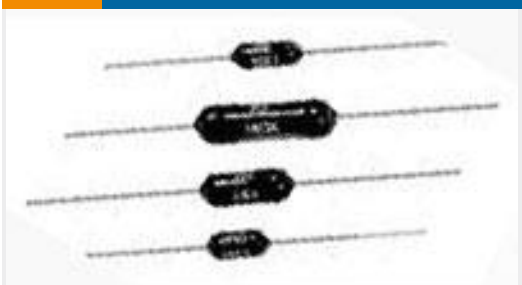
TE Model / Part #826469-6  
2X6P MOD II SHROUDED HEADER, ST



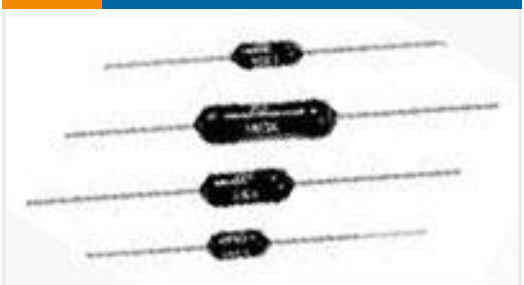
TE Model / Part #1-534237-0  
12 MODII VRT SR CE 100 /115



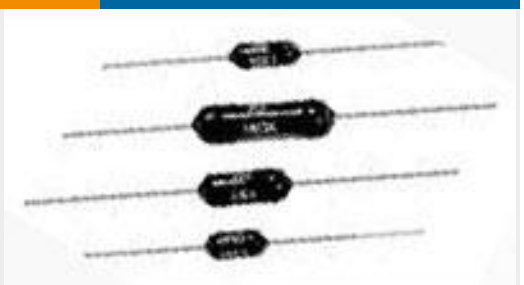
TE Model / Part #282824-3  
TERMI-BLOK HEADER, ASSY90 3P.5



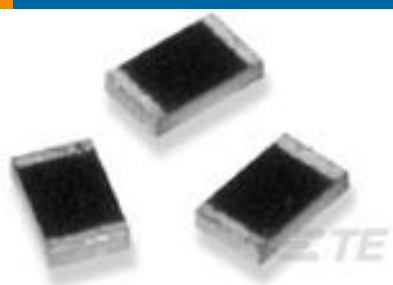
TE Model / Part #9-1879665-9  
H8 130K 0.1% 15PPM



TE Model / Part #1-1879666-1  
H8 169K 0.1% 15PPM

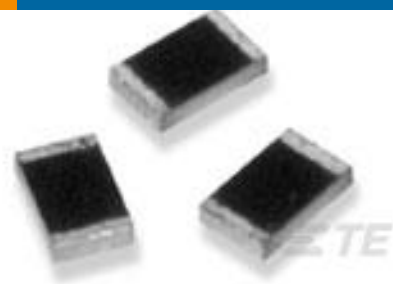


TE Model / Part #7-1879665-4  
H8 71K5 0.1% 15PPM

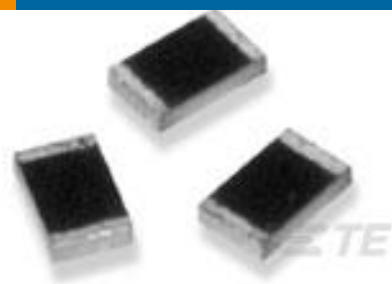


TE Model / Part #7-1879276-9  
RP 2A 10K5 0.1% 15PPM CUT LENGTH





TE Model / Part #8-1879279-2  
RP 2A 121K 0.1% 15PPM  
CUT LENGTH



TE Model / Part #5-1879269-2  
RP 2A 33R2 0.1% 15PPM  
CUT LENGTH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2176075-2\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176075-2\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176075-2\_BA.3d\_stp.zip

English

Datasheets & Catalog Pages

High Frequency Inductors SMD - Type 3640 Series - Tyco Electronics Passives

English