



Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**
Package Size Code: **0402**
Inductance: **.036 μ H**
Current Rating (Max): **480 mA**
DC Resistance: **.38 Ω**

Features

Product Type Features

Inductor Type	High Frequency
Package Size Code	0402
Element Type	Wire Wound

Electrical Characteristics

Self Resonant Frequency	2.8 GHz
Inductance	.036 μ H
Current Rating (Max)	480 mA
DC Resistance	.38 Ω
Passive Component Tolerance	5 %

Termination Features

Termination Method to PCB	Surface Mount
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Packaging Features

Packaging Method	Taped & Reeled
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Other

Inductor Quality Factor	59
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

Also in the Series | Sigma 3650

High Frequency & RF Inductors(225)

Customers Also Bought

TE Part #640445-2
02P MTA156 HDR ASSY FL/STR SN

TE Part #6-1879132-2
RN 0402 39K2 0.1% 10PPM 1K RL

TE Part #2176309-7
RP 1E 0.1W 11R5 0.1% 25PPM 1K RL

TE Part #6-2176311-6
RP 1E 0.1W 5K49 0.1% 25PPM 1K RL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176086-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176086-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176086-8_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Low Inductance, High Frequency Chip Inductors - Type 3650 Series

English