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✓ ACTIVE

Sigma | Sigma 3640

TE Internal #: 2-1624108-8

Sigma 3640, High Frequency & RF Inductors, High Frequency, Surface Mount, Taped & Reeled, 1 x .5 x .32 mm, .2 Passive Component Tolerance

[View on TE.com >](#)



Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**
Termination Method to Printed Circuit Board: **Surface Mount**
Packaging Method: **Taped & Reeled**
Passive Component Dimensions: **1 x .5 x .32 mm**
Passive Component Tolerance: **.2 %**

Features

Product Type Features

Inductor Type	High Frequency
Element Type	Thin Film
Package Size Code	0402

Electrical Characteristics

Self Resonant Frequency	12 GHz
Passive Component Tolerance	.2 %
Inductance	.0011 μ H
Current Rating (Max)	700 mA
DC Resistance	.15 Ω

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Dimensions

Passive Component Dimensions	1 x .5 x .32 mm
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Packaging Features

Packaging Method	Taped & Reeled
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Other

Comment	Tolerance 0.2nH.
Inductor Quality Factor	13



Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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

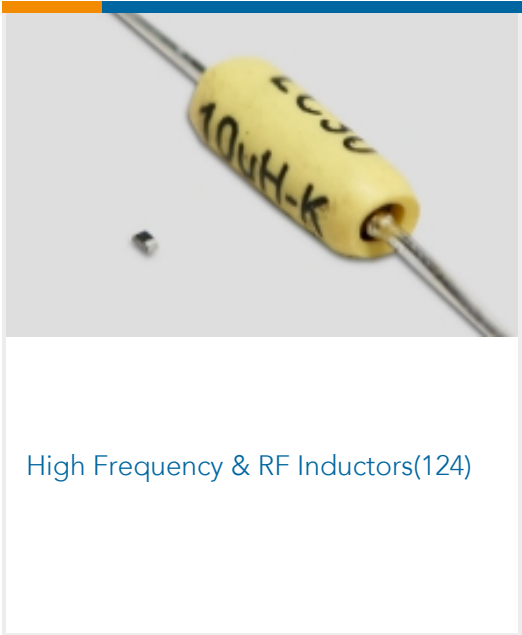
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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>

Compatible Parts

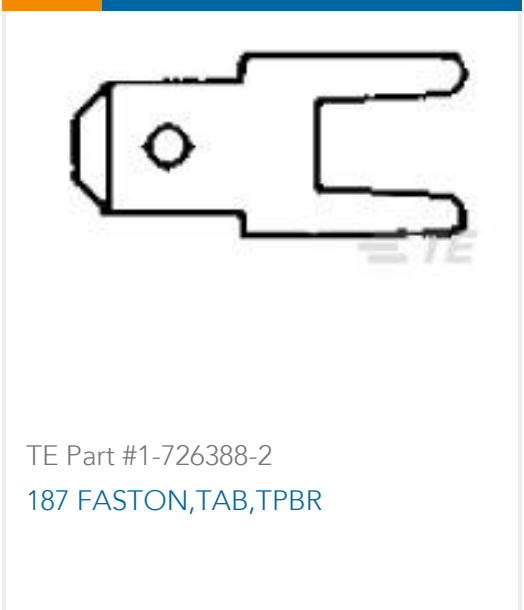
 TE Part # 7-1624108-0 3640 0402 18nH 2% 1K RL	 TE Part # 6-1624108-1 3640 0402 5.6nH +/-0.2nH 1K RL	 TE Part # 6-1624108-3 3640 0402 7.2nH +/-0.2nH 1K RL	 TE Part # 2-1624108-5 3640 0402 2.2nH +/-0.2nH 1K RL
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Also in the Series | Sigma 3640



Customers Also Bought





Documents

Product Drawings

3640 0402 1.1nH +/-0.2nH 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1624108-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1624108-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1624108-8_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

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

English