3-2176075-8 × OBSOLETE

Sigma

TE Internal #: 3-2176075-8

TE Internal Description: 3640 0201 3.8nH +/-0.2nH 1K RL

View on TE.com >

Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**

Package Size Code: **0201**

Inductance: **.0038 µH**

Current Rating (Max): **150 mA**

DC Resistance: **1.2 Ω**

Features

Product Type Features

Inductor Type	High Frequency
Package Size Code	0201
Element Type	Thin Film

Electrical Characteristics

Self Resonant Frequency	6 GHz
Inductance	.0038 µH
Current Rating (Max)	150 mA
DC Resistance	1.2 Ω
Passive Component Tolerance	2 %

Termination Features

Termination Method to PCB	Surface Mount

Packaging Features

Packaging Method	Reeled

Other

Inductor Quality Factor	8

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant

EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

Customers Also Bought



TE Part #826646-6
6P AMPMODU II STIFT LEI



TE Part #1624112-2
3650 0603 12nH 5% 2K RL



TE Part #1624112-5
3650 0603 33nH 5% 2K RL



TE Part #9-1624112-2
3650 0603 0.27uH 5% 2K RL



TE Part #4-2176067-9
CRG0201 1% 100R



TE Part #7-2176087-8
RP 1J 0.166W 442R 0.1% 25PPM 1K RL



TE Part #2176088-8
RP 1J 0.166W 887R 0.1% 25PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176075-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176075-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176075-8_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

High Frequency Inductors SMD - Type 3640 Series

English