4-2176075-6 × OBSOLETE

Sigma

TE Internal #: 4-2176075-6

TE Internal Description: 3640 0201 6.8nH 2% 1K RL

View on TE.com >

Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**

Package Size Code: **0201**

Inductance: **.0068 µH**

Current Rating (Max): **110 mA**

DC Resistance: **2.3 Ω**

Features

Product Type Features

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

Electrical Characteristics

Self Resonant Frequency	4 GHz
Inductance	.0068 µH
Current Rating (Max)	110 mA
DC Resistance	2.3 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	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: 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

Customers Also Bought



TE Part #EJ1953-000
06151413



TE Part #T1349160120-000
H16A-TGH-M20



TE Part #AKA012N00410100000
623 EXTENSION, SPEEDTEC



TE Part #80645-000
LS809-51 Liquid Level Sensor



TE Part #TAB62246501-040
M12B2-MR-PUR TORSION-4.0M



TE Part #6-2213766-9
AV19 DPL 3A POWER LED YELLOW 12V



TE Part #1-2364686-5
AVH22 FLT SS MT RNG GRN 24V16A



TE Part #2842104-8
8P,2MM,BRK HDR,SRVT,SMD,0.76AU, TR W/CAP



TE Part #5-2176075-1
3640 0201 10nH 2% 1K RL



TE Part #1415522-1
RFHD4024WG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2176075-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2176075-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2176075-6_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

High Frequency Inductors SMD - Type 3640 Series

English