3-2176086-7 ✕ OBSOLETE

Sigma | Sigma 3650

TE Internal #: 3-2176086-7

TE Internal Description: 3654 0402 33nH 5% 2K RL

View on TE.com >

Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**

Package Size Code: **0402**

Inductance: **.033 µH**

Current Rating (Max): **490 mA**

DC Resistance: **.33 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	.033 µH
Current Rating (Max)	490 mA
DC Resistance	.33 Ω
Passive Component Tolerance	5 %

Termination Features

Termination Method to PCB	Surface Mount

Packaging Features

Packaging Method	Taped & Reeled

Other

Inductor Quality Factor	61

Product Compliance

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

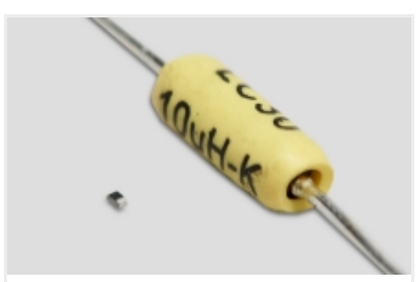
EU RoHS Directive 2011/65/EU	Compliant

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

Also in the Series | Sigma 3650



High Frequency & RF Inductors(225)

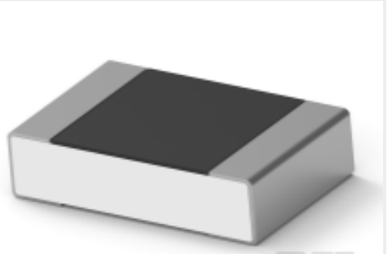
Customers Also Bought



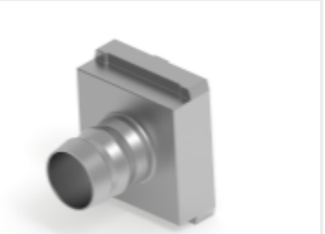
TE Part #2-1415536-5
PT371048



TE Part #2-1825136-0
A101MDAV2B04



TE Part #7-2176375-7
RQ 0805 7K15 0.1% 10PPM 1K RL



TE Part #1-2308349-9
CRIMP FLANGE 9 SMALL



TE Part #3-1393813-0
V23054E 16C133



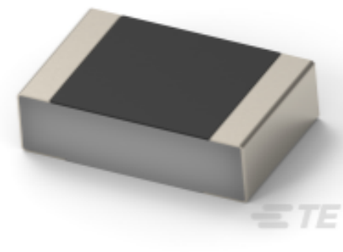
TE Part #3-2176086-6
3654 0402 30nH 5% 2K RL



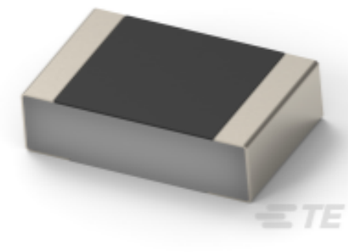
TE Part #2-2176086-4
3654 0402 15nH 5% 2K RL



TE Part #3-2176086-5
3654 0402 27nH 5% 2K RL



TE Part #4-2176073-6
CPF 0201 1K58 0.5% 25PPM 1K RL



TE Part #5-2176074-0
CPF 0201 18K7 0.5% 50PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-2176086-7_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-2176086-7_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-2176086-7_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