

3631B331KT ✓ ACTIVE

Sigma | Sigma 3631

TE Internal #: 3-1625812-8

Sigma 3631, Power Inductors, Inductance 330 μ H, 650 mA, .52 Ω

DC Resistance, Shielded, 10 %, 12.7 x 12.7 mm

[View on TE.com >](#)



Passive Components > Inductors > Power Inductors



Inductance: 330 μ H

Current Rating (Max): 650 mA

DC Resistance: .52 Ω

Shielded: Yes

Passive Component Tolerance: 10 %

Features

Product Type Features

Element Type	Wire Wound
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Electrical Characteristics

Inductance	330 μ H
Current Rating (Max)	650 mA
DC Resistance	.52 Ω
Passive Component Tolerance	10 %

Dimensions

Passive Component Dimensions	12.7 x 12.7 mm
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Usage Conditions

Operating Temperature Range	-25 – 105 $^{\circ}$ C
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Operation/Application

Shielded	Yes
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Packaging Features

Packaging Method	Taped & Reeled
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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: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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 # 1-1625812-3
3631B 470UH 10% FIO

TE Part # 1625812-2
3631B 100UH 15% FIO

TE Part # 1625812-4
3631B 22UH 20% FIO

TE Part # 1-1625812-2
3631B 47UH 15% FIO

TE Part # 1625812-6
3631B 220UH 10%

Also in the Series | **Sigma 3631**



Power Inductors(25)

Customers Also Bought



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



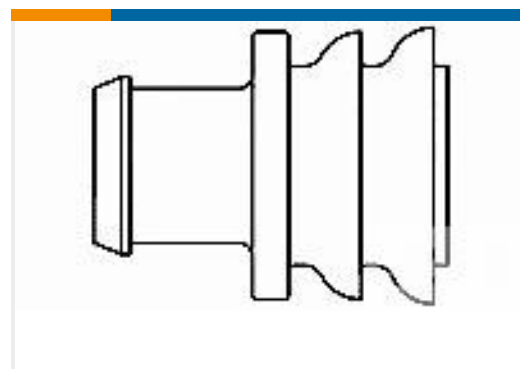
TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
DEUTSCH DT Series Housings &
Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

3631B 330UH 10%

English

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1625812-8_BC.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-1625812-8_BC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1625812-8_BC.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[Shielded SMD Power Inductor - Type 3631 Series - Tyco Electronics Passives](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English