



Sigma | Sigma 3639

TE Internal #: 5-1676953-0

330 μ H Power Inductor, 550 mA, .773 ohm DC Resistance, 30 %, Shielded, 10 mm [.393 in] Length, 10 mm [.393 in] Width, Sigma 3639

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Passive Components > Inductors > Power Inductors



Inductance: 330 μ H
Current Rating (Max): 550 mA
DC Resistance: .773 Ω
Passive Component Tolerance: 30 %
Shielded: Yes

Features

Product Type Features

Element Type	Wire Wound
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Electrical Characteristics

Inductance	330 μ H
Current Rating (Max)	550 mA
DC Resistance	.773 Ω
Passive Component Tolerance	30 %

Dimensions

Product Length	10 mm[.393 in]
Product Width	10 mm[.393 in]
Product Height	3.8 mm[.149 in]

Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}$ C[-40 – 221 $^{\circ}$ F]
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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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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 245°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 # 5-1676953-2
3639D 47UH 30%



TE Part # 6-1676953-0
3639E 150UH 30%



TE Part # 1-1676953-3
3639B 100UH 30%



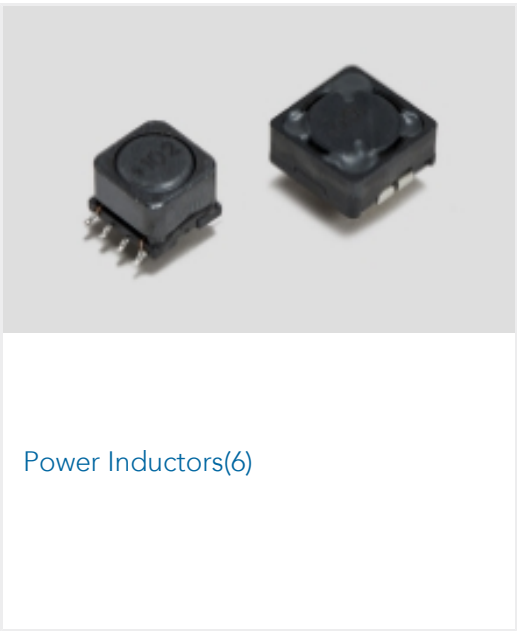
TE Part # 4-1676953-4
3639D 150UH 30%

3639D331N

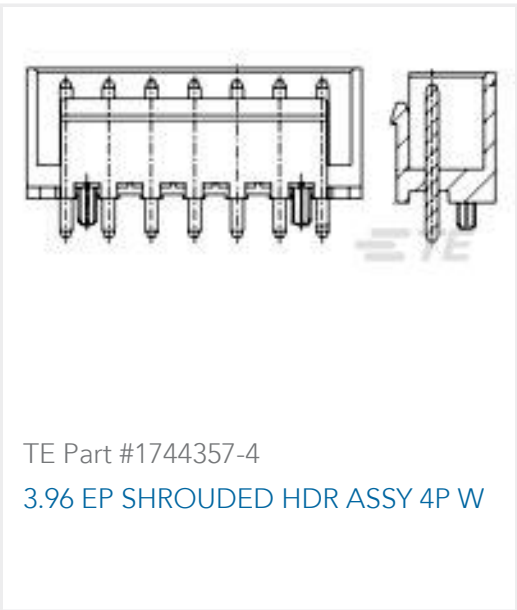
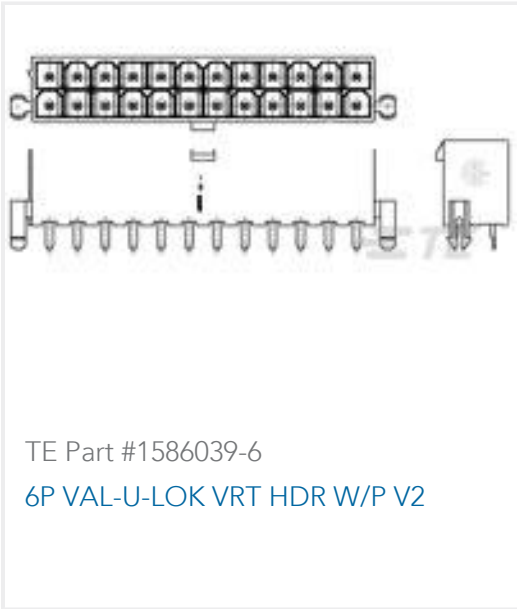
330 μ H Power Inductor, 550 mA, .773 ohm DC Resistance, 30 %, Shielded, 10 mm [.393 in] Length, 10 mm [.393 in] Width, Sigma 3639



Also in the Series | Sigma 3639



Customers Also Bought





Documents

Product Drawings

3639D 330UH 30%

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-1676953-0_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-1676953-0_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1676953-0_B.3d_igs.zip

English

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

Datasheets & Catalog Pages

Shielded SMD Power Inductor - Type 3639 Series - Tyco Electronics Passives

English