

3615A101K

✓ ACTIVE

Sigma | Sigma 3615

TE Internal #: 1624097-2

Sigma 3615, Molded SMD Inductors, Inductance 100 μ H, 216mA
Current Rating (Max), 4.9 Ω DC Resistance, 55, 13 x 5 x 5.3 mm, 10 %

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Passive Components > Inductors > Molded SMD Inductors



Inductance: 100 μ H
Current Rating (Max): 216 mA
DC Resistance: 4.9 Ω
Inductor Quality Factor: 55
Passive Component Dimensions: 13 x 5 x 5.3 mm

Features

Product Type Features

Shielded	No
Element Type	Wire Wound

Electrical Characteristics

Self Resonant Frequency	8 MHz
Inductance	100 μ H
Current Rating (Max)	216 mA
DC Resistance	4.9 Ω
Passive Component Tolerance	10 %

Dimensions

Passive Component Dimensions	13 x 5 x 5.3 mm
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Usage Conditions

Operating Temperature Range	-55 – 100 $^{\circ}$ C
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Packaging Features

Packaging Method	Taped & Reeled
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Other

Inductor Quality Factor	55
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1624097-4 3615A-10-3513-10 1.0UH	 TE Part # 1-1624097-0 3615A-10-3521-10 4.7UH	 TE Part # 1-1624097-4 3615A-10-3509-10 0.47UH	 TE Part # 1624097-3 3615A-10-3549-10 1.0MH
 TE Part # 1624097-9 3615A-10-3545-10 470UH	 TE Part # 1-1624097-2 3615A-10-3501-10 0.10UH	 TE Part # 1-1624097-3 3615A-10-3505-10 0.22UH	 TE Part # 1624097-7 3615A-10-3517-10 2.2UH

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Sigma 3615, Molded SMD Inductors, Inductance 100 µH, 216mA Current Rating (Max), 4.9 Ω DC Resistance, 55, 13 x 5 x 5.3 mm, 10 %



TE Part # 1624097-1
3615A-10-3525-10 10UH

TE Part # 1624097-8
3615A-10-3533-10 47UH

TE Part # 1624097-6
3615A-10-3541-10 220UH

TE Part # 1624097-5
3615A-10-3529-10 22UH

TE Part # 1-1624097-1
3615A-10-3548-10 820UH

Also in the Series | Sigma 3615

Molded SMD Inductors(14)

Customers Also Bought

TE Part #1-1393219-0
PE014024

TE Part #84952-4
1MM FPC HORZ.BTMM CONT.ASS.4P

TE Part #1-1625867-4
RP 1J 0.166W 1K65 0.1% 25PPM 1K RL

TE Part #2-338309-2
D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm

TE Part #1-829264-5
2X15P HV100 REC.CON.B/TE,6.2MM, NO KINK

TE Part #1-1624097-4
3615A-10-3509-10 0.47UH

TE Part #1-829264-7
2X17P HV100 REC.CON.B/TE,6.2MM, NO KINK

TE Part #104550-5
40 SYS50 SURFMNT DRST RCPT



Documents

Product Drawings

3615A-10-3537-10 100UH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1624097-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1624097-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1624097-2_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

High Current Inductor SMD - Type 3615 Series - Tyco Electronics Passives

English