

# 3613CR33M

✓ ACTIVE

[Sigma | Sigma 3613](#)

TE Internal #: 2-1624094-3

.33  $\mu$ H Molded SMD Inductor, 605 mA, .28  $\Omega$  DC Resistance, 40, Length .177 in [4.5 mm], Width 3.2 mm [.125 in], Height .125 in [3.2 mm], Sigma 3613

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Passive Components > Inductors > Molded SMD Inductors



Inductance: .33  $\mu$ H

Current Rating (Max): 605 mA

DC Resistance: .28  $\Omega$

Inductor Quality Factor: 40

Product Length: 4.5 mm [.177 in]

## Features

### Product Type Features

Package Size Code	1812
Element Type	Wire Wound

### Electrical Characteristics

Self Resonant Frequency	145 MHz
Inductance	.33 $\mu$ H
Current Rating (Max)	605 mA
DC Resistance	.28 $\Omega$
Passive Component Tolerance	20 %

### Dimensions

Product Length	4.5 mm [.177 in]
Product Width	3.2 mm [.125 in]
Product Height	3.2 mm [.125 in]

### Usage Conditions

Operating Temperature Range	-30 – 100 °C
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### Packaging Features

Packaging Method	Taped & Reeled
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### Other

Inductor Quality Factor	40
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

 <b>TE Part # 1624094-1</b> 3613C 10UH 10%	 <b>TE Part # 1624094-6</b> 3613C 1.0UH 10%	 <b>TE Part # 1624094-8</b> 3613C 22UH 10%	 <b>TE Part # 1-1624094-6</b> 3613C 47UH 10%
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TE Part # 1624094-2  
3613C 100UH 10%

## Also in the Series | Sigma 3613



Molded SMD Inductors(19)

## Customers Also Bought



TE Part #1658613-4  
09 POS HDF PLUG, MS, LEAD FREE



TE Part #1-2176459-3  
SMW 7W R33 5% Taped



TE Part #1571983-3  
GDH02STR04=DIP SWITCH



TE Part #T1629163125-000  
H16A-SDRS-M25



TE Part #ADP-SMAF-SMAF-G  
SMA Jack to SMA Jack



TE Part #ANT-433-MHW-SMA-S  
Antenna 433MHz Dipole MHW Short SMA



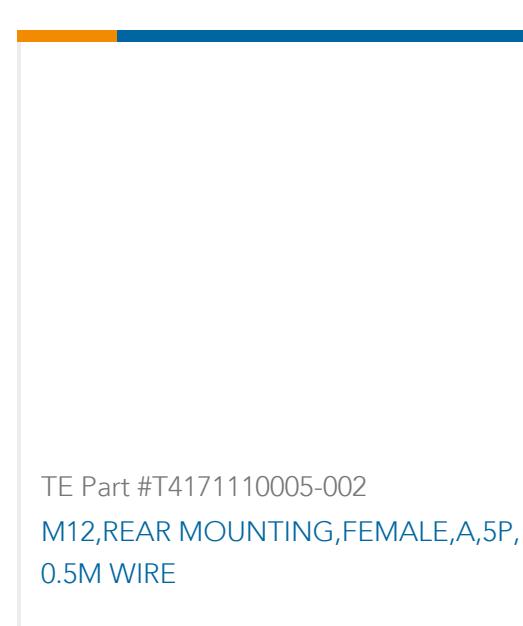
TE Part #ANT-916-MHW-SMA-S  
Antenna 916MHz Dipole MHW Short SMA



TE Part #L9000279-01  
SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part #CONBNC002  
BNC Jack 50 Ohm PCB Through Hole



TE Part #T4171110005-002  
M12,REAR MOUNTING,FEMALE,A,5P,  
0.5M WIRE

## Documents

### Product Drawings

[3613C 0.33UH 20%](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1624094-3\\_BB.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1624094-3\\_BB.3d\\_jgs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1624094-3\\_BB.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Moulded Chip Inductor 18:12 - Type 3613C Series - Tyco Electronics Passives](#)

English