# 36502C10NJTDG ✔ ACTIVE

Sigma | Sigma 3650

TE Internal #: 1879023-2

Sigma 3650, High Frequency & RF Inductors, High Frequency, Surface Mount, Taped & Reeled, 2.92 x 2.79 x 2.1 mm, 5 Passive Component Tolerance

View on TE.com >

Passive Components > Inductors > High Frequency & RF Inductors



Inductor Type: **High Frequency**

Termination Method to Printed Circuit Board: **Surface Mount**

Packaging Method: **Taped & Reeled**

Passive Component Dimensions: **2.92 x 2.79 x 2.1 mm**

Passive Component Tolerance: **5 %**

## Features

### Product Type Features

| | |
|---|---|
| Inductor Type | High Frequency |
| Element Type | Wire Wound |
| Package Size Code | 1008 |

### Electrical Characteristics

| | |
|---|---|
| Self Resonant Frequency | 4.1 GHz |
| Passive Component Tolerance | 5 % |
| Inductance | .01 µH |
| Current Rating (Max) | 1000 mA |
| DC Resistance | .08 Ω |

### Termination Features

| | |
|---|---|
| Termination Method to Printed Circuit Board | Surface Mount |

### Dimensions

| | |
|---|---|
| Passive Component Dimensions | 2.92 x 2.79 x 2.1 mm |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 125 °C, -40 – 125 °C |

### Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

### Other

| | |
|---|---|
| Inductor Quality Factor | 50 |

## 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)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 # 1624112-8
3650 0603 68nH 5% 2K RL



TE Part # 6-1624113-2
3650 2A 0.56uH 5% 2K RL



TE Part # 4-1624112-4
3650 0402 16nH 5% 2K RL

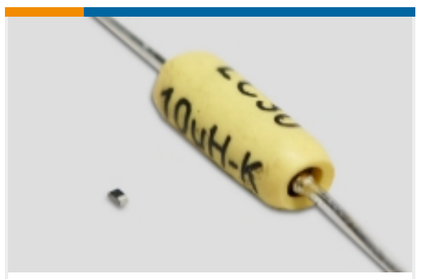


TE Part # 5-1624113-2
3650 2A 0.22uH 5% 2K RL



TE Part # 4-1879023-8
3650 1008 10uH 5% 2K RL

## Also in the Series | Sigma 3650




High Frequency & RF Inductors(270)

## Customers Also Bought



TE Part #120953-3
UPM EXPANDED RCPT ASSEMBLY




TE Part #1624094-1
3613C 10UH 10%




TE Part #1-1624094-8
3613C 4.7UH 10%



TE Part #1-1478031-0
BNC Ins LP PCB Skt 75Ohm White



TE Part #84534-8
1.25MM FFC POST PLATED V 8P



TE Part #1676230-2
RN 0805 1K37 0.1% 10PPM 1KRL



TE Part #1-174954-1
SIGNAL HEADER



TE Part #1-1879023-6
3650 1008 82nH 5% 2K RL



TE Part #1-1879023-9
3650 1008 0.15uH 5% 2K RL



TE Part #1-2319847-2
END STACK DIP 2P J RAISED TUBE

# Documents

## Product Drawings

3650 1008 10nH 5% 2K RL

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879023-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879023-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879023-2_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

Low Inductance, High Frequency Chip Inductors - Type 3650 Series

English

## Product Environmental Compliance

Product Compliance

English

Product Compliance

English