

## 36501J47NJTDG Product Details



### 36501J47NJTDG

TE Internal Number: 1624112-7

 [Active](#)

### Inductors

 [Converted to EU RoHS/ELV Compliant](#)  
([Statement of Compliance](#))

### Product Highlights:

- Inductor
- Inductor Type = High Frequency
- Lead Type = Surface Mount Terminals
- Wirewound
- Inductance = .047  $\mu$ H

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [LOW INDUCTANCE, HIGH FREQUENCY CHIP INDUCTOR SERIES 3650](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [Low Inductance, High Frequency Chip Inductors - Type...](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Product Type](#) = Inductor
- Inductor Type = High Frequency
- [Element](#) = Wirewound
- [Shielded](#) = No

#### Electrical Characteristics:

- [Inductance \( \$\mu\$ H\)](#) = 0.047
- [DC Resistance \( \$\Omega\$ \)](#) = 0.28
- [Current, Maximum \(mA\)](#) = 600
- [Quality Factor](#) = 38
- [Package Type](#) = Taped and Reeled
- Tolerance (%) = 5

#### Body Related Features:

- [Lead Type](#) = Surface Mount Terminals
- [Series](#) = 3650
- [Packaging Style](#) = 0603
- [Package, Component Size](#) = 1.6 x 0.8
- [Mount Style](#) = Surface Mount

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive

#### Operation/Application:

- [Application](#) = High Frequency

#### Other:

- Brand = Sigma Inductors