

36501J27NJTDG Product Details



36501J27NJTDG

TE Internal Number: 1624112-4

 [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 = .027 μ 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 \(\$\mu\$ H\)](#) = 0.027
- [DC Resistance \(\$\Omega\$ \)](#) = 0.22
- [Current, Maximum \(mA\)](#) = 600
- [Quality Factor](#) = 40
- [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