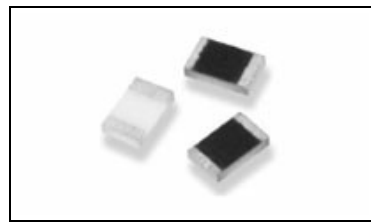




# 36401J6N8ATDF Product Details

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## 36401J6N8ATDF (3-1624109-7)

TE Internal Number: 3-1624109-7

**Superseded**
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### Inductors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Inductor
- Inductor Type = High Frequency
- Lead Type = Surface Mount Terminals
- Thin Film
- Inductance = .0068  $\mu$ H

[View all Features](#)

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## Documentation & Additional Information

### Product Drawings:

- [HIGH FREQUENCY INDUCTORS SMD SERIES 3640 0603](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [1309350\\_PASSIVE\\_COMPONENT](#) (PDF, English)
- [High Frequency Inductors SMD - Type 3640 Series - Ty...](#) (PDF, English)

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version BA)
- [3D Model](#) (IGES, Version BA)
- [3D Model](#) (STEP, Version BA)

[List all Documents](#)

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

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

### Product Type Features:

- [Product Type](#) = Inductor
- [Inductor Type](#) = High Frequency
- [Element](#) = Thin Film

### Electrical Characteristics:

- [Inductance](#) ( $\mu$ H) = 0.0068
- [DC Resistance](#) ( $\Omega$ ) = 0.75
- [Current, Maximum](#) (mA) = 300
- [Tolerance](#) (%) = 0.2

### Body Features:

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

### Configuration Features:

- [Shielded](#) = No

### 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](#) = Always was RoHS compliant

### Operation/Application:

- [Application](#) = High Frequency

### Packaging Features:

- [Package Type](#) = Taped and Reeled

### Other:

- [Quality Factor](#) = 15
- [Series](#) = 3640
- [Brand](#) = Sigma Inductors
- [Comment](#) = Tolerance 0.2nH.

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