

## 3639D101NT Product Details



**3639D101NT**  
(4-1676953-1)  
TE Internal Number: 4-1676953-1  
 [Active](#)

### Inductors

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

#### Product Highlights:

- Inductor
- Inductor Type = Shielded Power Wirewound
- Lead Type = Surface Mount Terminals
- Wirewound
- Inductance = 100 ?H

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### Documentation & Additional Information

#### Product Drawings:

- [SHIELDED SMD POWER INDUCTORS SERIES 3639](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [Shielded SMD Power Inductor - Type 3639 Series - Tyc...](#) (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](#)

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

#### Product Type Features:

- [Product Type](#) = Inductor
- Inductor Type = Shielded Power Wirewound
- [Element](#) = Wirewound
- [Shielded](#) = Yes

#### Electrical Characteristics:

- [Inductance \(?H\)](#) = 100
- [DC Resistance \(?\)](#) = 0.22
- [Current, Maximum \(mA\)](#) = 1300
- [Package Type](#) = Taped and Reeled
- Tolerance (%) = 30

#### Body Related Features:

- [Lead Type](#) = Surface Mount Terminals
- [Series](#) = 3639
- [Package, Component Size](#) = 10.0 x 10.0
- [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 = Always was RoHS compliant

#### Operation/Application:

- [Application](#) = High Power Circuitry

#### Other:

- Brand = Sigma Inductors