

3637C680MT Product Details



3637C680MT
(4-1676951-4)
TE Internal Number: 4-1676951-4
 [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 = 68 ?H

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Documentation & Additional Information

Product Drawings:

- [SHIELDED SMD POWER INDUCTORS SERIES 3637](#) (PDF, English)

Catalog Pages/Data Sheets:

- [Shielded SMD Power Inductor - Type 3637 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 \(?H\)](#) = 68
- [DC Resistance \(?\)](#) = 0.16
- [Current, Maximum \(mA\)](#) = 2000
- [Quality Factor](#) = 48
- [Package Type](#) = Taped and Reeled
- Tolerance (%) = 20

Body Related Features:

- [Lead Type](#) = Surface Mount Terminals
- [Series](#) = 3637
- [Package, Component Size](#) = 13mm Diameter
- [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](#) = Power Circuitry

Other:

- Brand = Sigma Inductors