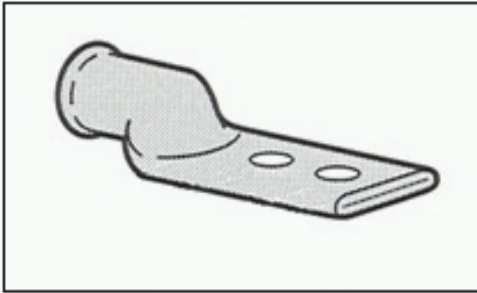


## 53642-2 Product Details

 [Live Product Chat](#)



**53642-2**

TE Part Number: 53642-2

 [Active](#)

 [Add to Part List](#)

### AMPOWER Terminals

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

#### Product Highlights:

- Power Generation and Distribution Application
- Wire Size (AWG/CM) = 500,000 CM
- Wire Range = 450000 - 550000 CMA
- Terminal Type = Standard
- Stud Size = 1/2 [M12]

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### Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [Contact Us About This Product](#)
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### Documentation & Additional Information

#### Product Drawings:

- [TERMINAL, AMPOWER, WIRE SIZE: 500 MCM](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### 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:

- Terminal Type = Standard
- [Stud Size](#) = 1/2 [M12]
- [Stud Diameter \(mm \[in\]\)](#) = 12.70 [0.500]
- Material = Copper (Annealed) per ASTM B-75
- Body Style = Straight
- Tongue Material Thickness (mm [in]) = 5.08 [0.200]
- Finish = Tin
- Comment = Electrodeposited Tin Plate per MIL-T-10727.

#### Body Related Features:

- [Wire Size \(AWG/CM\)](#) = 500,000 CM
- [Wire Range \(CMA\)](#) = 450,000 - 550,000
- [Stud Hole Diameter \(mm \[in\]\)](#) = 13.08 [0.515]
- [Number of Holes](#) = 2
- [Barrel I.D. Min. \(mm \[in\]\)](#) = 24.92 [0.981]
- [Barrel Length](#) = Long
- [Inspection Slot](#) = Without

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Operation/Application:

- Application = Power Generation and Distribution

#### Packaging Related Features:

- Packaging Quantity = 25

#### Other:

- Brand = AMP

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