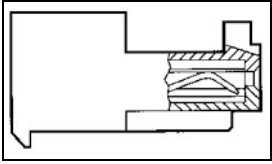


### 3-643816-2 Product Details



3-643816-2

TE Internal Number: 3-643816-2

 [Active](#)

 [View 3D PDF](#)

#### MTA, CST-100 II, MT-6 and SL Connectors and Headers

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

#### Product Highlights:

- Connector
- 2 Positions
- Connector Type = Receptacle
- Connector Style = Closed End
- MTA-100 Product Line

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(31\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#)

[Request Sample](#)

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#### Documentation & Additional Information

##### Product Drawings:

- [MTA 100 CONNECTOR ASSEMBLY, 28 AWG, STANDARD](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [MTA, CST-100 II, SL-156 and AMP Economy Power \(EP\) C...](#) (PDF, English)

##### Product Specifications:

- [Connector, MTA 100](#) (PDF, English)

##### Application Specifications:

- [MTA 100 Connector Assemblies \(English And Spanish\)](#) (PDF, English)
- [MTA 100 Ribbon Cable Connector Assemblies \(English A...](#) (PDF, English)

##### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Additional Product Images:

- [Product Photo](#)

##### Related Products:

- [Tooling](#)
- [Mating Products \(31\)](#)

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

##### Product Type Features:

- Product Type = Connector
- [Number of Positions](#) = 2
- Connector Type = Receptacle
- [Connector Style](#) = Closed End
- [Product Line](#) = MTA-100
- [Wire Termination Type](#) = IDC Standard
- [Wire Size \(mm<sup>2</sup> \[AWG\]\)](#) = 0.08-0.09<sup>2</sup> [28]
- [Mating Polarization](#) = With
- Mating Connector Lock = Without
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Polarization Type = Polarizing Tab

##### Mechanical Attachment:

- [Panel Attachment](#) = Without

##### Electrical Characteristics:

- Voltage Rating (VAC) = 250

##### Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin

##### Body Related Features:

- [Narrow](#) = No
- [Post Number\(s\) Omitted](#) = None
- Cable Exit Angle = 90°

##### Contact Related Features:

- [Contact Centerline Spacing \(mm \[in\]\)](#) = 2.54 [0.100]
- [Contact Plating, Mating Area, Material](#) = Tin
- [Contact Base Material](#) = Copper Alloy

##### Housing Related Features:

- Housing Color = Green
- Housing Flammability Rating = UL 94V-2
- Housing Material = Nylon

##### 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

##### Conditions for Usage:

- [Terminate To](#) = Wire

##### Operation/Application:

- [Application](#) = Wire-to-Board

##### Packaging Related Features:

- Packaging Method = Loose Piece

##### Other:

- Brand = AMP