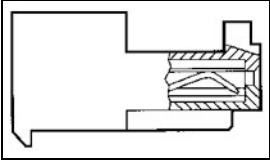


## 3-643813-9 Product Details



**3-643813-9**

TE Internal Number: 3-643813-9



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

[View all Features](#)

#### Documentation & Additional Information

##### Product Drawings:

- [MTA 100 CONNECTOR ASSEMBLY, 22 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 H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Additional Product Images:

- [Product Photo](#)

##### Related Products:

- [Tooling](#)
- [Mating Products \(40\)](#)

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

##### Product Type Features:

- Product Type = Connector
- [Number of Positions](#) = 9
- Connector Type = Receptacle
- [Connector Style](#) = Closed End
- [Product Line](#) = MTA-100
- [Wire Termination Type](#) = IDC Standard
- [Wire Size \(mm<sup>2</sup> \[AWG\]\)](#) = 0.3-0.4<sup>2</sup> [22]
- [Mating Polarization](#) = With
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without

##### 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 = Red
- Housing Flammability Rating = UL 94V-2
- Housing Material = Nylon

##### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant

- 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°

- [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