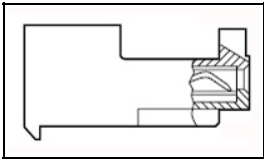


## 3-643817-8 Product Details



**3-643817-8**

TE Internal Number: 3-643817-8

**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
- 8 Positions
- Connector Type = Receptacle
- Connector Style = Closed End
- MTA-156 Product Line

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(28\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#)

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#### Documentation & Additional Information

##### Product Drawings:

- [MTA 156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD](#) (PDF, English)

##### Catalog Pages/Data Sheets:

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

##### Product Specifications:

- [System, Connector/Header, MTA 156](#) (PDF, English)

##### Application Specifications:

- [MTA 156 Connector](#) (PDF, English)
- [MTA 156 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)

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)
- [Mating Products \(28\)](#)

[List all Documents](#)

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

##### Product Type Features:

- Product Type = Connector
- [Number of Positions](#) = 8
- Connector Type = Receptacle
- [Connector Style](#) = Closed End
- [Product Line](#) = MTA-156
- [Wire Termination Type](#) = IDC Standard
- [Wire Size \(mm<sup>2</sup> \[AWG\]\)](#) = 0.8-0.9<sup>2</sup> [18]
- [Mating Polarization](#) = With
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Connector Lock Type = Locking Ramp
- Mating Polarization Type = Polarizing Tab

##### Mechanical Attachment:

- [Panel Attachment](#) = Without

##### Electrical Characteristics:

- Current Rating (Amps.) = 7
- Voltage Rating (VAC) = 600

##### 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 \[in\]\)](#) = 3.96 [0.156]
- [Contact Plating, Mating Area, Material](#) = Tin
- [Contact Base Material](#) = Copper Alloy

##### Housing Related Features:

- Housing Color = Orange
- 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

##### Other:

- Brand = AMP