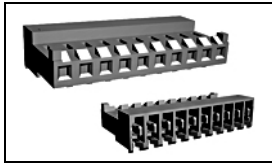



3-643818-6 Product Details



3-643818-6

TE Internal Number: 3-643818-6

 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 Assembly
- 6 Positions
- Connector Style = Receptacle
- Contact Type = Socket
- Connector Design = Closed End

Documentation & Additional Information

Product Drawings:

- [MTA 156 CONNECTOR ASSEMBLY, 20 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 Connectors](#) (PDF, English)
- [MTA 156 Ribbon Cable Connector Assemblies \(English A...](#) (PDF, English)
- [MTA 156 Ribbon Cable Connector Assemblies \(English A...](#) (PDF, Japanese)

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 \(25\)](#)

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

Product Type Features:

- Connector Type = Connector Assembly
- Connector Design = Closed End
- Product Line = MTA-156
- Termination Method to Wire/Cable = IDC Standard
- Wire Size (mm² [AWG]) = 0.5-0.6² [20]
- Mating Connector Lock = With
- Four Points of Contact = Without
- Shrouded = No
- Mating Connector Lock Type = Locking Ramp

Mechanical Attachment:

- Mounting Ears = Without
- Panel Mount Retention = Without

Electrical Characteristics:

- Current Rating (A) = 7.0
- Voltage Rating (VAC) = 600

Termination Features:

- Solder Tail Contact Plating = Tin

Body Features:

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

Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Tin
- Contact Base Material = Copper Alloy

Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 3.96 [0.156]
- Housing Color = White with Yellow Stripe
- Mating Alignment = With
- UL Flammability Rating = UL 94V-2
- Housing Material = Nylon
- Mating Alignment Type = Polarizing Tab

Configuration Features:

- Number of Positions = 6

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:

- Applies To = Wire/Cable

Operation/Application:

- Application Use = Wire-to-Board

Packaging Features:

- Packaging Quantity = 500

Other:

- Brand = AMP
- Comment = Stripe may run down between ribs.