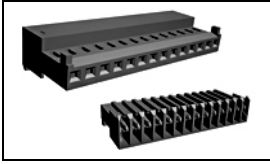


643813-8 Product Details



643813-8

TE Internal Number: 643813-8



[View 3D PDF](#)

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

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

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

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:

- [MTA-100 Wire-To-Wire Posted Connector System \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(38\)](#)

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-100
- Termination Method to Wire/Cable = IDC Standard
- Wire Size (mm² [AWG]) = 0.3-0.4² [22]
- Mating Connector Lock = With
- Four Points of Contact = Without
- Shrouded = No

Mechanical Attachment:

- Mounting Ears = Without
- Panel Mount Retention = Without

Electrical Characteristics:

- Voltage Rating (VAC) = 250

Termination Features:

- Solder Tail Contact Plating = Tin-Lead

Body Features:

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

Contact Features:

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

Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Housing Color = White with Red Stripe
- Mating Alignment = With
- UL Flammability Rating = UL 94V-2
- Housing Material = Nylon
- Mating Alignment Type = Polarizing Tab

Configuration Features:

- Number of Positions = 8

Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process

Conditions for Usage:

- Applies To = Wire/Cable

Operation/Application:

- Application Use = Wire-to-Board

Packaging Features:

- Packaging Method = Loose Piece

Other:

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