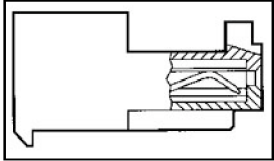


3-643814-2 Product Details



3-643814-2

TE Internal Number: 3-643814-2



[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 Assembly
- 2 Positions
- Connector Style = Receptacle
- Contact Type = Receptacle
- Connector Design = Closed End

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [MTA-100 CONNECTOR ASSEMBLY, 24 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 J)
- [3D Model](#) (IGES, Version J)
- [3D Model](#) (STEP, Version J)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

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

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 \[AWG\]\)](#) = 0.2² [24]
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without

Mechanical Attachment:

- [Panel Mount Retention](#) = Without

Electrical Characteristics:

- Voltage Rating (VAC) = 250

Termination Related Features:

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

Body Related Features:

- [Number of Positions](#) = 2
- Centerline (mm [in]) = 2.54 [0.100]

Housing Related Features:

- Connector Style = Receptacle
- Housing Color = White
- [Mating Alignment](#) = With
- UL Flammability Rating = UL 94V-2
- Housing Material = Nylon
- Mating Alignment Type = Polarizing Tab

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

Operation/Application:

- Application Use = Wire-to-Board

Packaging Related Features:

- Packaging Method = Loose Piece
- Packaging Quantity = 500

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

Contact Related Features:

- Contact Type = Receptacle
- [Contact Plating, Mating Area, Material](#) = Tin
- [Contact Base Material](#) = Copper Alloy

Other:

- Brand = AMP