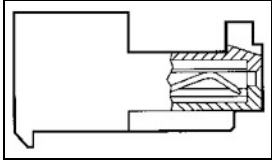


1-643813-2 Product Details



1-643813-2

TE Internal Number: 1-643813-2



[Active](#)

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

[View all Features](#)

[Buy Product](#)

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:

- None Available

Application Specifications:

- None Available

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 \(38\)](#)

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

Product Type Features:

- Product Type = Connector
- [Number of Positions](#) = 12
- Connector Type = Receptacle
- [Connector Style](#) = Closed End
- [Product Line](#) = MTA-100
- [Wire Termination Type](#) = IDC Standard
- [Wire Size \(mm² \[AWG\]\)](#) = 0.3-0.4² [22]
- [Mating Polarization](#) = With
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Polarization Type = Polarizing Tab

Mechanical Attachment:

- [Panel Attachment](#) = Without

Contact Related Features:

- [Contact Centerline Spacing \(mm \[in\]\)](#) = 2.54 [0.100]
- [Contact Plating, Mating Area, Material](#) = Tin-Lead
- [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](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

Conditions for Usage:

- [Terminate To](#) = Wire

Electrical Characteristics:

- Voltage Rating (VAC) = 250

Termination Related Features:

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

Body Related Features:

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

Operation/Application:

- [Application](#) = Wire-to-Board

Packaging Related Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP