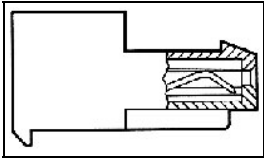


## 1-640440-2 Product Details



**1-640440-2**

TE Internal Number: 1-640440-2



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](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(38\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#)

[Request Sample](#)

[Find Similar Products](#)

[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:

- [MTA 100 Connector Assemblies \(English And Spanish\)](#) (PDF, English)

##### Instruction Sheets:

- None Available

##### CAD Files: ([CAD Format & Compression Information](#))

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

[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 \(mm<sup>2</sup> \[AWG\]\)](#) = 0.3-0.4<sup>2</sup> [22]
- [Mating Polarization](#) = Without
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without

##### Mechanical Attachment:

- [Panel Attachment](#) = Without

##### 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°

##### 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

##### Operation/Application:

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

##### Packaging Related Features:

- Packaging Method = Loose Piece

##### Other:

- Brand = AMP