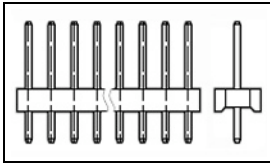


## 640452-6 Product Details



**640452-6**

TE Internal Number: 640452-6

 **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:

- Header
- 6 Positions
- Connector Style = Plug
- Contact Type = Pin
- MTA-100 Product Line

[View all Features](#)

 [Add to My Part List](#)  [Request Sample](#)  [Find Similar Products](#)  [Buy Product](#)

#### Documentation & Additional Information

##### Product Drawings:

- [MTA-100 HEADER ASSEMBLY, PLAIN, .025 SQUARE STRAIGH ...](#) (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:

- None Available

##### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)
- [Mating Products \(57\)](#)

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

##### Product Type Features:

- Connector Type = Header
- [Product Line](#) = MTA-100
- [PCB Mounting Orientation](#) = Vertical
- PCB Mount Retention = Without
- Mating Connector Lock = Without
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Post Size (mm [in]) = 0.64 [.025]

##### Mechanical Attachment:

- [Panel Mount Retention](#) = Without

##### Electrical Characteristics:

- Voltage Rating (VAC) = 250

##### Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin
- Termination Post Length (mm [in]) = 3.56 [0.140]

##### Body Related Features:

- [Number of Positions](#) = 6
- Centerline (mm [in]) = 2.54 [0.100]
- [Narrow](#) = No
- [Post Number\(s\) Omitted](#) = None
- Solder Tail Contact Material = Copper Alloy

##### Contact Related Features:

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

##### Housing Related Features:

- Connector Style = Plug
- Housing Color = White
- [Mating Alignment](#) = Without
- UL Flammability Rating = UL 94V-0
- Housing Material = Polyester

##### Configuration Related Features:

- [Backwall/Post Interruption\(s\)](#) = Without

##### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

##### Conditions for Usage:

- [Applies To](#) = Printed Circuit Board

##### Operation/Application:

- Application Use = Wire-to-Board

##### Other:

- Brand = AMP