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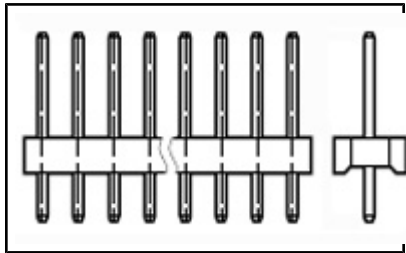
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# 1-640452-0 Product Details

 **Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



**1-640452-0**



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



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- MTA-100 Connectors
- Number of Positions = 10
- Mating Type = Header
- Wire-to-Board Application
- 2.54 mm Contact Centerline Spacing

[View all Features](#) | [Find Similar Products](#)

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#### Documentation & Additional Information

**Product Drawings:**

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

**Catalog Pages/Data Sheets:**

- [MTA-100 AND MTA-156 CONNECTORS AND HEADERS, CST-100 ...](#) (PDF, English)

**Product Specifications:**

- None Available

**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)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(82\)](#)

[List all Documents](#)

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

**Product Type Features:**

- [Product Type](#) = MTA-100 Connectors
- [Number of Positions](#) = 10
- [Mating Type](#) = Header
- [PCB Mount Angle](#) = Vertical
- PCB Retention Feature = No
- [Mating Polarization](#) = Without
- Mating Connector Lock = Without
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Post Size (mm [in]) = 0.64 [0.025]

**Mechanical Attachment:**

- [Panel Attachment](#) = Without

**Electrical Characteristics:**

- Voltage Rating (VAC) = 250

**Termination Related Features:**

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

**Body Related Features:**

- [Narrow](#) = No
- [Post Number\(s\) Omitted](#) = None
- Solder Tail Contact Material = Copper Alloy

**Contact Related Features:**

- [Contact Centerline Spacing \(mm \[in\]\)](#) = 2.54 [0.100]
- [Contact Shape](#) = Square
- [Contact Mating Area Plating Material](#) = Tin
- [Contact Material](#) = Copper Alloy

**Housing Related Features:**

- Housing Color = White
- Housing 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:**

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

**Operation/Application:**

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

**Other:**

- Brand = AMP

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