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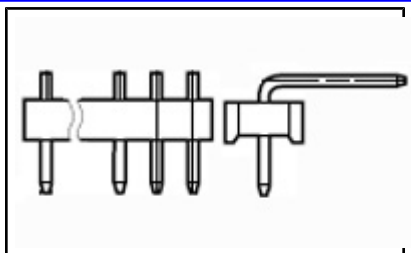
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# 1-640453-0 Product Details



**1-640453-0**



[Active](#)

### 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

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#### Quick Links

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#### Documentation & Additional Information

Product Drawings:

- [MTA 100 HEADER ASSEMBLY, PLAIN, .025 SQUARE RIGHT AN...](#) (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 Y)
- [3D Model](#) (IGES, Version Y)
- [3D Model](#) (STEP, Version Y)

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](#) = Right Angle
- 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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