- o Check Distributor Inventory
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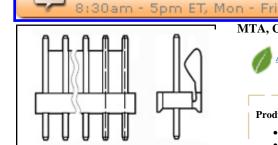
# . Customer Support

- o Support
- o RoHS Support Center
- o Glossary of Terms
- o eBulletin Newsletter

Home > Products > By Type > PCB Connectors - Wire to Board - Power > Product Feature Selector > Product Details

# 1-640456-2 Product Details

Live Product Chat US Only



1-640456-2



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



#### **Product Highlights:**

- MTA-100 Connectors
- Number of Positions = 12
- Mating Type = Header
- Wire-to-Board Application
- 2.54 mm Contact Centerline Spacing

View all Features | Find Similar Products

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- Search for Tooling
- View Mating
  Products (82)
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  Feature
  Selector
- Contact Us
  About This
  Product

**Documentation & Additional Information** 

#### **Product Drawings:**

• MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQ... (PDF, English)

#### Catalog Pages/Data Sheets:

- INTERCONNECTS FOR NETWORKING (PDF, English)
- MULTI-USER SYSTEMS (PDF, English)
- 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 W)
- 3D Model (IGES, Version W)
- 3D Model (STEP, Version W)

#### **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 = 12
- Mating Type = Header
- PCB Mount Angle = Vertical
- PCB Retention Feature = No
- <u>Mating Polarization</u> = With
- Mating Connector Lock = With
- Four Points of Contact = Without
- Shrouded = No
- Mounting Ears = Without
- Mating Connector Lock Type = Friction Lock
- Mating Polarization Method = Polarizing Slot
- Post Size (mm [in]) = 0.64 [.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:**

- $\underline{\text{RoHS/ELV Compliance}} = \text{RoHS compliant}$ , ELV compliant
- <u>Lead Free Solder Processes</u> = 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

#### **Packaging Related Features:**

• Packaging Quantity = 500

### Other:

• Brand = AMP

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