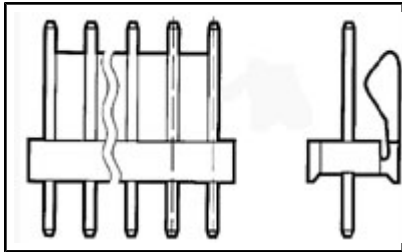


# 640445-8 Product Details



640445-8



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



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

### Product Highlights:

- MTA-156 Connectors
- Number of Positions = 8
- Mating Type = Header
- Wire-to-Board Application
- 3.96 mm Contact Centerline Spacing

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

**NEW!**

## Documentation & Additional Information

### Product Drawings:

- [MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .04...](#) (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 Z)
- [3D Model](#) (IGES, Version Z)
- [3D Model](#) (STEP, Version Z)

### Additional Information:

- [Product Information](#)
- [Product Line Information](#)

### Related Products:

- [Tooling](#)
- [Mating Products \(168\)](#)

[List all Documents](#)

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

### Product Type Features:

- [Product Type](#) = MTA-156 Connectors
- [Number of Positions](#) = 8
- [Mating Type](#) = Header
- [PCB Mount Angle](#) = Vertical
- PCB Retention Feature = No
- [Mating Polarization](#) = Without
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Connector Lock Type = Friction Lock
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Post Size (mm [in]) = 1.14 [.045]

### Mechanical Attachment:

- [Panel Attachment](#) = Without

### Electrical Characteristics:

- Current Rating (Amps.) = 7
- Voltage Rating (VAC) = 600

### Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin
- Termination (Solder) Post Length (mm [in]) = 3.18 [0.125]

### Body Related Features:

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

### Contact Related Features:

- [Contact Centerline Spacing \(mm \[in\]\)](#) = 3.96 [0.156]
- [Contact Shape](#) = Square
- [Contact Mating Area Plating](#) = 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

### Packaging Related Features:

- Packaging Quantity = 500

### Other:

- Brand = AMP

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