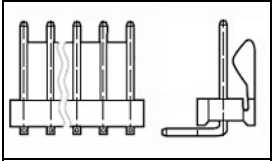


1-640457-0 Product Details



1-640457-0

TE Internal Number: 1-640457-0



[Active](#)



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

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

Product Highlights:

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

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .02...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [MTA, CST-100 II, SL-156 and AMP Economy Power \(EP\) C...](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(52\)](#)

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

Product Type Features:

- Connector Type = Header
- [Product Line](#) = MTA-100
- [PCB Mounting Orientation](#) = Right Angle
- PCB Mount Retention = Without
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Connector Lock Type = Friction Lock
- 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](#) = 10

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

Packaging Related Features:

- Packaging Quantity = 500

- [Number of Contacts](#) = 40
- 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

Other:

- Brand = AMP