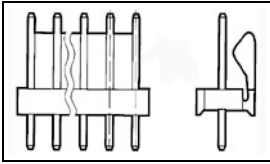


644752-6 Product Details



644752-6

TE Internal Number: 644752-6



[Active](#)



[View 3D PDF](#)

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



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

Product Highlights:

- Connector
- 6 Positions
- Connector Type = Header - Pin
- MTA-156 Product Line
- Wire-to-Board Application

[View all Features](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
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Documentation & Additional Information

Product Drawings:

- [MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT .0...](#) (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 C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

Additional Information:

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

Related Products:

- [Tooling](#)
- [Mating Products \(96\)](#)

[List all Documents](#)

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

Product Type Features:

- Product Type = Connector
- [Number of Positions](#) = 6
- Connector Type = Header - Pin
- [Product Line](#) = MTA-156
- [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]) = 2.36 - 3.18 [0.093 - 0.125]
- 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 Post Length (mm [in]) = 4.45 [0.175]

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 Plating, Mating Area, Material](#) = Tin
- [Contact Base 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