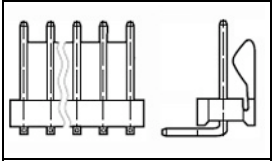**Tyco Electronics**

1-640457-0 Product Details

1-640457-0

TE Internal Number: 1-640457-0

✔ 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:
- 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)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (52)

List all Documents

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 Positions = 10
- 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