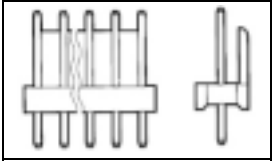


## 640454-7 Product Details



**640454-7**

TE Internal Number: 640454-7



[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
- 7 Positions
- Connector Style = Plug
- Contact Type = Pin
- MTA-100 Product Line

[View all Features](#)

[Buy Product](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 S...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MTA, CST-100 II, SL-156 and AMP Economy Power (EP) C...</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version Y)</li> <li>• <a href="#">3D Model</a> (IGES, Version Y)</li> <li>• <a href="#">3D Model</a> (STEP, Version Y)</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (53)</a></li> </ul>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Type = Header</li> <li>• <a href="#">Product Line</a> = MTA-100</li> <li>• <a href="#">PCB Mounting Orientation</a> = Vertical</li> <li>• PCB Mount Retention = Without</li> <li>• Mating Connector Lock = Without</li> <li>• <a href="#">Four Points of Contact</a> = Without</li> <li>• <a href="#">Shrouded</a> = No</li> <li>• <a href="#">Mounting Ears</a> = Without</li> <li>• Post Size (mm [in]) = 0.64 [.025]</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Panel Mount Retention</a> = Without</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Voltage Rating (VAC) = 250</li> </ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Solder Tail Contact Plating</a> = Tin</li> <li>• Termination Post Length (mm [in]) = 3.56 [0.140]</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 7</li> <li>• Centerline (mm [in]) = 2.54 [0.100]</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• <a href="#">Contact Shape</a> = Square</li> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Tin</li> <li>• <a href="#">Contact Base Material</a> = Copper Alloy</li> </ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Plug</li> <li>• Housing Color = White</li> <li>• <a href="#">Mating Alignment</a> = With</li> <li>• UL Flammability Rating = UL 94V-0</li> <li>• Housing Material = Polyester</li> </ul> <p><b>Configuration Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Backwall/Post Interruption(s)</a> = Without</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Applies To</a> = Printed Circuit Board</li> </ul>

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

**Operation/Application:**

- Application Use = Wire-to-Board

**Other:**

- Brand = AMP