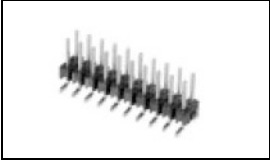


## 1-146134-7 Product Details



**1-146134-7**

TE Internal Number: 1-146134-7

 **Active**

 [View 3D PDF](#)

### .100 inch AMPMODU Headers

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

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Header Type = Breakaway
- 10 Positions
- Mating Post Length = 5.84 mm

[View all Features](#)

[Buy Product](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">SURFACE MOUNT HEADER ASSEMBLY, MOD II, BREAKAWAY, VE...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU INTERCONNECTION SYSTEM SECTIONS5</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 N)</li> <li>• <a href="#">3D Model</a> (IGES, Version N)</li> <li>• <a href="#">3D Model</a> (STEP, Version N)</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> </ul>
<p><a href="#">List all Documents</a></p>	

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>• Product Type = Connector</li> <li>• Connector Type = Header - Pin</li> <li>• <a href="#">Number of Positions</a> = 10</li> <li>• <a href="#">Mount Angle</a> = Vertical</li> <li>• <a href="#">PCB Retention Feature</a> = No</li> <li>• <a href="#">Surface Mount Compatible</a> = Yes</li> <li>• <a href="#">Board Standoff</a> = Without</li> <li>• <a href="#">Mounting Ears</a> = Without</li> <li>• <a href="#">Mating Connector Lock</a> = Without</li> <li>• Breakaway Header = Yes</li> <li>• PCB Mount Angle = Vertical</li> <li>• Post Size (mm [in]) = 0.64 [.025]</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mating Post Length (mm [in]) = 5.84 [0.230]</li> <li>• <a href="#">Panel Attachment</a> = Without</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Tin</li> <li>• Contact Shape = Square</li> <li>• Contact Base Material = Phosphor Bronze</li> <li>• Approved Standards = UL E28476, CSA LR7189</li> </ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• Housing Material = Thermoplastic - GF</li> <li>• Housing Color = Black</li> <li>• Housing Flammability Rating = UL 94V-0</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> = Reflow solder capable to 245°C, Reflow solder capable to 260°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul>

**Electrical Characteristics:**

- Current Rating (Amps.) = 3
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

**Termination Related Features:**

- Solder Tail Contact Plating = Tin over Nickel

**Body Related Features:**

- [Header Type](#) = Breakaway
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 2
- [Selectively Loaded](#) = No
- [Mount Type](#) = Printed Circuit Board

**Conditions for Usage:**

- [High Temperature Housing](#) = Yes
- Temperature Range (°C) = -65 - +125
- High Temperature Compatible = Yes

**Operation/Application:**

- [High Speed Serial Data Connector](#) = No

**Other:**

- Brand = AMP