

5-146818-1 Product Details



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TE Internal Number: 5-146818-1

 [Active](#)

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.100 inch AMPMODU Headers

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

Product Highlights:

- Connector
- Connector Type = Header - Pin
- Header Type = Breakaway
- 40 Positions
- Mating Post Length = 13.46 mm

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"><li>• None Available</li></ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"><li>• None Available</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 B)</li><li>• <a href="#">3D Model</a> (IGES, Version B)</li><li>• <a href="#">3D Model</a> (STEP, Version B)</li></ul> <p><a href="#">List all Documents</a></p>	<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>
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> = 40</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> = No</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>• Post Size (mm [in]) = 0.64 [.025]</li><li>• Comment = Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult Tyco Electronics.</li></ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"><li>• Mating Post Length (mm [in]) = 13.46 [0.530]</li><li>• <a href="#">Panel Attachment</a> = Without</li></ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"><li>• <a href="#">Termination Post Length (mm [in])</a> = 3.02 [0.119]</li><li>• Solder Tail Contact Plating = Tin over Nickel</li></ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"><li>• <a href="#">Header Type</a> = Breakaway</li><li>• Centerline (mm [in]) = 2.54 [0.100]</li><li>• Row-to-Row Spacing (mm [in]) = 2.54 [0.100]</li><li>• <a href="#">Number of Rows</a> = 2</li><li>• <a href="#">Selectively Loaded</a> = No</li><li>• <a href="#">Mount Type</a> = Printed Circuit Board</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></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> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°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="#">High Temperature Housing</a> = No</li></ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"><li>• <a href="#">High Speed Serial Data Connector</a> = No</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>• Brand = AMP</li></ul>

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