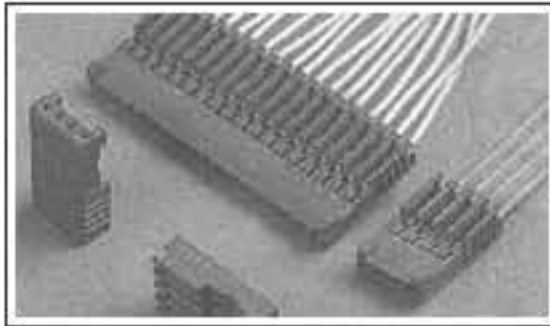


## 281786-6 Product Details

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281786-6

TE Internal Number: 281786-6  
 Active

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### .100 AMPMODU Headers, Housings & Contacts

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

**Product Highlights:**

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Socket
- 2.54 mm Centerline

[View all Features](#)

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">HE 1402 PLUG, 180 DEGREES IDC SINGLE ROW (PDF, English)</a></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>• <a href="#">MODULAR HEADERS AND PLUGS ACCORDING TO IEC 60603-8 S... (PDF, French)</a></li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">180 DEG IDC PLUG IN HE 1302/1402 Series (PDF, English)</a></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 (DXF, Version C)</a></li> <li>• <a href="#">3D Model (IGES, Version C)</a></li> <li>• <a href="#">3D Model (STEP, Version C)</a></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>

[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>• Product Type = Connector</li> <li>• Connector Type = Housing</li> <li>• <a href="#">Termination Method to Wire/Cable</a> = Crimp, Insulation Displacement Crimp (IDC)</li> <li>• <a href="#">Mating Connector Lock</a> = Without</li> <li>• Wire Insulation Diameter (mm [in]) = 1.00 [0.039]</li> <li>• <a href="#">Connector Series</a> = HE13 / HE14</li> <li>• <a href="#">Keyed</a> = No</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <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 Positions</a> = 6</li> <li>• <a href="#">Number of Rows</a> = 1</li> <li>• <a href="#">Wire Range (mm [AWG])</a> = 0.08-0.15<sup>2</sup> [28-26]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Tin</li> <li>• Contact Base Material = Phosphor Bronze</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Mating Alignment = Without</li> <li>• <a href="#">Housing Color</a> = Blue</li> <li>• UL Flammability Rating = UL 94V-0</li> <li>• Housing Material = PBT - GF</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> = Not relevant for lead free process</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> = Wire/Cable</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Loose Piece</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

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