

## 205737-7 Product Details

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205737-7

TE Internal Number: 205737-7

Active

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### Standard Board Mount Connectors

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

#### Product Highlights:

- 25 Positions
- Connector Style = Plug
- PCB Mount Angle = Vertical
- Product Series = HDP-20
- Without Mating Connector Lock

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PLUG ASSY, SIZE 3, 25 POS, VERTICAL</a> (PDF, English)</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="#">AMPLIMITE® HD-20 PCB Mounted Connector</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPLIMITE HD-20 Straight Solder Contact Time, Front ...</a> (PDF, English)</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 W)</li> <li>• <a href="#">3D Model</a> (IGES, Version W)</li> <li>• <a href="#">3D Model</a> (STEP, Version W)</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>Additional Product Images:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PCB Layout</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 (9)</a></li> </ul>

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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>• <a href="#">PCB Mount Angle</a> = Vertical</li> <li>• <a href="#">Product Series</a> = HDP-20</li> <li>• <a href="#">Mating Connector Lock</a> = Without</li> <li>• <a href="#">PCB Mount Retention</a> = Without</li> <li>• <a href="#">Shell Type</a> = Full Metal</li> <li>• <a href="#">Shell Size</a> = 3</li> <li>• <a href="#">Grounding Indents</a> = Without</li> <li>• <a href="#">Grounding Straps</a> = Without</li> <li>• <a href="#">PCB Mount Style</a> = Through Hole</li> <li>• <a href="#">Color Code</a> = None</li> <li>• Sealed = No</li> <li>• Profile = Standard</li> <li>• Post Size (mm [in]) = 0.64 [.025]</li> <li>• Shell Material = Steel</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <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="#">Grounding Clips</a> = Without</li> <li>• <a href="#">Termination Post Length (mm [in])</a> = 4.78 [0.188]</li> <li>• <a href="#">Solder Tail Contact Plating</a> = Tin-Lead over Nickel</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 25</li> <li>• Insert Flammability Rating = UL 94V-0</li> <li>• Insert Material = Polyamide, GV</li> <li>• Shell Plating = Zinc</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Gold (30), Gold Flash over Palladium Nickel</li> <li>• Contact Shape = Square</li> <li>• Contact Base Material = Brass</li> </ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Plug</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = 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 ELV compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PCB Thickness, Recommended (in [mm])</a> = 0.062 [1.57], 0.093 [2.36]</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application = Standard</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>



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