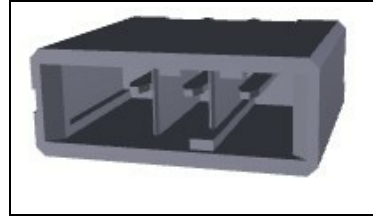


## 2-178136-5 Product Details

[Share](#) | 
 [Print](#) | 
 [Email](#)



**2-178136-5**

### Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Dynamic Series Product Line
- D-3200S Series
- Series No. = 3000
- Wire-to-Board
- Applies To Printed Circuit Board

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

TE Internal Number: 2-178136-5

Active

[View 3D PDF](#)

[Add to My Part List](#) | 
 [Request Sample](#) | 
 [Find Similar Products](#) | 
 [Buy Product](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DYNAMIC D-3200 5.08PITCH(V) 3 POS.HDR CONN.ASSY (TIF, Japanese)</a></li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">D3000 Series Dynamic Connectors Continued (PDF, English)</a></li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Dynamic Connector D-3000 Series (PDF, Japanese)</a></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: (CAD Format &amp; Compression Information)</b></p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing (DXF, Version H1)</a></li> <li>• <a href="#">3D Model (IGES, Version H1)</a></li> <li>• <a href="#">3D Model (STEP, Version H1)</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 Line = Dynamic Series</li> <li>• Product Type = Connector</li> <li>• Connector Type = Header</li> <li>• <a href="#">Insertion Force</a> = High</li> <li>• <a href="#">PCB Mounting Orientation</a> = Vertical</li> <li>• <a href="#">PCB Mount Retention</a> = With</li> <li>• Sealed = No</li> <li>• PCB Mount Alignment = Without</li> <li>• CSA File Number = LR7189</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention Type = Latching</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 8</li> <li>• Operating Voltage Reference = AC/DC</li> <li>• Operating Voltage (VAC) = 600</li> <li>• Operating Voltage (VDC) = 600</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Termination Method to Wire/Cable = Solder</li> <li>• Termination Method to PC Board = Through Hole - Solder</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Tail Length (mm [in]) = 3.8 [0.148]</li> <li>• PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]</li> </ul> <p><b>Body Features:</b></p>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Plug</li> <li>• Centerline (mm [in]) = 5.08 [0.200]</li> <li>• <a href="#">Housing Material</a> = Polyester - GF</li> <li>• Housing Color = Black</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Keyed</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 3</li> <li>• <a href="#">Number of Rows</a> = 1</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> <li>• Agency/Standard = CSA, UL</li> <li>• UL Rating = Recognized</li> <li>• UL File Number = E28476</li> <li>• CSA Rating = Certified</li> <li>• UL Flammability Rating = UL 94V-0</li> </ul> <p><b>Identification Marking:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Keying</a> = Y</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]</li> </ul>
---	--

- Mating Retention = With

**Contact Features:**

- Contact Type = Tab
- Contact Layout = Single Row
- Contact Base Material = Copper Alloy
- [Contact Plating](#), [Mating Area](#), [Material](#) = Tin
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 2 [78.74]
- Multiple Contact Types = Without
- Tail Plating Material = Tin
- Tail Plating Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 2 [78.74]
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.30 [51.180]

**Conditions for Usage:**

- [Applies To](#) = Printed Circuit Board
- For Use With = Receptacle Housing

**Operation/Application:**

- Application Use = Wire-to-Board

**Packaging Features:**

- Packaging Method = Tube
- Packaging Quantity = 20

**Other:**

- Series = D-3200S
- Series No. = 3000
- Brand = AMP

**Corporate Information**

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)
- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

**Quick Links**

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

**Customer Support**

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

**Keep Me Informed**