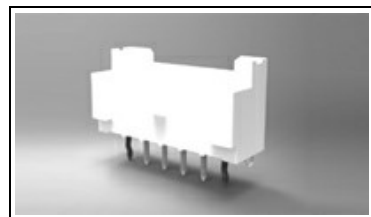




# 1-2132415-2 Product Details

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**1-2132415-2**

TE Internal Number: 1-2132415-2

Active

## Economy Power Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Economy Power 2.5 Product Line
- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- 12 Positions

[View all Features](#)

### Quick Links

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Documentation & Additional Information	
Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.	<b>Related Products:</b> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Headers (2)</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 Line = Economy Power 2.5</li> <li>• <a href="#">Product Type</a> = Connector</li> <li>• Connector Type = Header</li> <li>• PCB Mounting Orientation = Vertical</li> <li>• PCB Mount Retention = Without</li> <li>• PCB Mount Alignment = Without</li> <li>• Sealed = No</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) = 3</li> <li>• Operating Voltage Reference = AC</li> <li>• Operating Voltage (VAC) = 250</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>• Mating Post Length (mm [in]) = 3.60 [0.142]</li> <li>• PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]</li> <li>• Width (Z-Axis) (mm [in]) = 6.40 [0.252]</li> <li>• Profile Height (Y-Axis) (mm [in]) = 8.80 [0.346]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Selectively Loaded = No</li> <li>• Header Type = Shrouded</li> <li>• Mating Retention = With</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• Contact Plating, Termination Area, Material = Tin</li> <li>• Contact Plating, Mating Area, Thickness (µm [µin]) = 2.03 [80]</li> <li>• Contact Plating, Mating Area, Material = Tin</li> <li>• Contact Design = Round Post</li> <li>• Contact Base Material = Brass</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Centerline (mm [in])</a> = 2.50 [0.098]</li> <li>• Housing Color = Natural</li> <li>• Housing Material = Nylon - GF</li> <li>• Mating Alignment = With</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 12</li> <li>• Number of Rows = 1</li> <li>• Tail Orientation = In-line</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>• UL Rating = Recognized</li> <li>• UL Flammability Rating = UL 94V-0</li> <li>• CSA Certified = No</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Printed Circuit Board</li> <li>• Glow Wire Rating = Standard Part - Not Glow Wire</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Board</li> <li>• Contact Transmits (Typical Application) = Signal (Data)/Power</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Bag, Box</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = TE Connectivity</li> </ul>
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