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5 - 146261 - 7 Product Details



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TE Part Number: 5 - 146261 - 7

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.100 inch AMPMODU Headers

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

Product Highlights:

- ? Header
- ? Header Type = Breakaway
- ? Number of Rows = Dual
- ? Number of Positions = 14
- ? Mating Post Length = 5.84 mm

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| Documentation & Additional Information                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Product Drawings:</b></p> <p>? <a href="#">None Available</a></p> <p><b>Catalog Pages/Data Sheets:</b></p> <p>? <a href="#">None Available</a></p> <p><b>Product Specifications:</b></p> <p>? <a href="#">None Available</a></p> <p><b>Application Specifications:</b></p> <p>? <a href="#">None Available</a></p> <p><b>Instruction Sheets:</b></p> <p>? <a href="#">None Available</a></p> <p><b>CAD Files:</b></p> <p>? <a href="#">None Available</a></p> | <p><b>Additional Information:</b></p> <p>? <a href="#">Product Line Information</a></p> <p><b>Related Products:</b></p> <p>? <a href="#">Tooling</a></p> |

| Product Features (Please use the Product Drawing for all design activity)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <p><b>Product Type Features:</b></p> <p>? <a href="#">Product Type</a> = Header</p> <p>? <a href="#">Number of Positions</a> = 14</p> <p>? <a href="#">Mount Angle</a> = Vertical</p> <p>? <a href="#">PCB Retention Feature</a> = No</p> <p>? <a href="#">Surface Mount Compatible</a> = Yes</p> <p>? <a href="#">Board Standoff</a> = With</p> <p>? <a href="#">Mounting Ears</a> = Without</p> <p>? <a href="#">Mating Connector Lock</a> = Without</p> <p>? Post Size (mm [in]) = 0.64 [.025]</p> <p><b>Mechanical Attachment:</b></p> <p>? Mating Post Length (mm [in]) = 5.84 [0.230]</p> <p>? <a href="#">Panel Attachment</a> = Without</p> <p><b>Electrical Characteristics:</b></p> <p>? Current Rating (Amps.) = 3</p> <p>? Insulation Resistance (M?) = 5,000</p> <p>? Dielectric Withstanding Voltage (V) = 750</p> <p><b>Termination Related Features:</b></p> <p>? <a href="#">Termination (Solder) Post Length (mm [in])</a> = 2.29 [0.090]</p> <p>? Solder Tail Contact Plating = Tin over Nickel, Matte Tin over Nickel</p> <p><b>Body Related Features:</b></p> <p>? <a href="#">Header Type</a> = Breakaway</p> <p>? <a href="#">Number of Rows</a> = Dual</p> <p>? <a href="#">Centerline, Matrix (mm [in])</a> = 2.54 x 2.54 [.100 x .100]</p> <p>? <a href="#">Selectively Loaded</a> = No</p> <p>? <a href="#">Mount Type</a> = PC Board</p> | <p><b>Contact Related Features:</b></p> <p>? <a href="#">Contact Mating Area Plating Material</a> = Gold (30)</p> <p>? Contact Shape = Square</p> <p>? Contact Material = Phosphor Bronze</p> <p>? Approved Standards = UL E28476, CSA LR7189</p> <p><b>Housing Related Features:</b></p> <p>? Housing Material = Thermoplastic</p> <p>? Housing Flammability Rating = UL 94V -0</p> <p><b>Industry Standards:</b></p> <p>? <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</p> <p>? <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</p> <p>? RoHS/ELV Compliance History = Always was RoHS compliant</p> <p><b>Conditions for Usage:</b></p> <p>? <a href="#">High Temperature Housing</a> = Yes</p> <p>? Operating Temperature (°C) = -65 – +105</p> <p><b>Operation/Application:</b></p> <p>? <a href="#">High Speed Serial Data Connector</a> = No</p> <p><b>Other:</b></p> <p>? Brand = AMP</p> |