

## 7-85875-2 Product Details



7-85875-2

TE Internal Number: 7-85875-2

[Preliminary](#)

### .156 Inch AMPMODU .031 X .062 Mod I

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

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Vertical Mount Angle
- Tin Contact Plating, Mating Area, Material
- Keyed

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| Documentation & Additional Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                            |
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| <p><b>Product Drawings:</b></p> <ul style="list-style-type: none"><li>• None Available</li></ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"><li>• <a href="#">AMPMODU INTERCONNECTION SYSTEM SECTION 6 7AND8</a> (PDF, English)</li></ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"><li>• None Available</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:</b></p> <ul style="list-style-type: none"><li>• None Available</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> |
| <a href="#">List all Documents</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                            |

| Product Features (Please use the Product Drawing for all design activity)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p><b>Product Type Features:</b></p> <ul style="list-style-type: none"><li>• Product Type = Connector</li><li>• <a href="#">Connector Type</a> = Header - Pin</li><li>• Mount Angle = Vertical</li><li>• <a href="#">Keyed</a> = Yes</li><li>• <a href="#">Number of Positions</a> = 21</li></ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"><li>• <a href="#">Mating Post Length (mm [in])</a> = 19.05 [0.750]</li></ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"><li>• Contact Current Rating (Amps.) = 5</li><li>• Dielectric Withstanding Voltage (V) = 1200</li><li>• Contact Resistance (m?) = 12</li><li>• Insulation Resistance (M?) = 5,000</li></ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"><li>• Termination End Plating = Tin over Nickel</li></ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"><li>• Number of Rows = Single</li><li>• Centerline (mm [in]) = 3.96 [0.156]</li><li>• Number of Keys = 7</li></ul> | <p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"><li>• Contact Plating, Mating Area, Material = Tin</li><li>• Contact Base Material = Brass</li><li>• Approved Standards = UL E28476, CSA LR16455</li></ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"><li>• Housing Material = PBT - GF</li><li>• Housing Color = Black</li><li>• Housing Flammability Rating = UL 94V-0</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</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>• Terminate To = Printed Circuit Board</li><li>• Temperature Range (°C) = -65 – +105</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>• Brand = AMP</li></ul> |

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