

5-146456-6 Product Details

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5-146456-6

TE Internal Number: 5-146456-6  
Active

.100 inch Stacking Connector  
Always EU RoHS/ELV Compliant (Statement of Compliance)  
Product Highlights:  
Connector  
Header  
Connector Style = Plug  
Contact Type = Pin  
6 Positions  
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| Documentation & Additional Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                        |
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| <p><b>Product Drawings:</b></p> <ul style="list-style-type: none"><li>HEADER ASSEMBLY, MOD II, STACKING, SINGLE ROW, .02... (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>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>Product Line Information</li></ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"><li>Tooling</li></ul> |
| List all Documents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                        |

| 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>Connector Type = Header</li><li>PCB Mount Retention = Without</li><li>Post Size (mm [in]) = 0.64 [.025]</li><li>Board Standoff = Without</li><li>Surface Mount Compatible = No</li></ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"><li>Mating Post Length (mm [in]) = 2.79 [0.109]</li></ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"><li>Contact - Rated Current (A) = 3</li><li>Dielectric Withstanding Voltage (V) = 750</li><li>Insulation Resistance (MΩ) = 5,000</li></ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"><li>Termination Post Length (mm [in]) = 11.18 [0.440]</li><li>Solder Tail Contact Plating = Tin over Nickel</li></ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"><li>Number of Positions = 6</li><li>Centerline (mm [in]) = 2.54 [0.100]</li></ul> | <p><b>Contact Features:</b></p> <ul style="list-style-type: none"><li>Contact Type = Pin</li><li>Contact Plating, Mating Area, Material = Tin</li><li>Contact Shape = Square</li><li>Contact Base Material = Copper Alloy</li></ul> <p><b>Housing Features:</b></p> <ul style="list-style-type: none"><li>Connector Style = Plug</li><li>Housing Material = Thermoplastic - GF</li><li>Housing Color = Black</li></ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"><li>Stack Height (mm [in]) = 6.35 [0.250]</li></ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"><li>RoHS/ELV Compliance = RoHS compliant, ELV compliant</li><li>Lead Free Solder Processes = 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>Approved Standards = UL E28476, CSA LE7189</li></ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"><li>Operating Temperature (°C) = -65 - +125</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>Brand = Tyco Electronics</li></ul> |