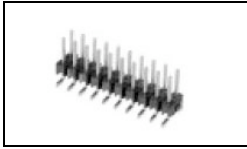


5-146130-4 Product Details



5-146130-4

TE Internal Number: 5-146130-4

 **Active**

 [View 3D PDF](#)

.100 inch AMPMODU Headers

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

Product Highlights:

- Connector
- Header Type = Breakaway
- 10 Positions
- Mating Post Length = 5.84 mm
- 2.54 mm Centerline

Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • SURFACE MOUNT HEADER ASSEMBLY, MOD II, BREAKAWAY, VE... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • AMPMODU INTERCONNECTION SYSTEM SECTIONS (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version K) • 3D Model (IGES, Version K) • 3D Model (STEP, Version K) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Connector • Mount Angle = Vertical • PCB Mount Retention = Without • Surface Mount Compatible = Yes • Board Standoff = Without • Mounting Ears = Without • Mating Connector Lock = Without • Breakaway Header = Yes • PCB Mounting Orientation = Vertical • Post Size (mm [in]) = 0.64 [.025] <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mating Post Length (mm [in]) = 5.84 [0.230] • Panel Mount Retention = Without <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Current Rating (A) = 3 • Insulation Resistance (MΩ) = 5,000 • Dielectric Withstanding Voltage (V) = 750 <p>Termination Related Features:</p> <ul style="list-style-type: none"> • Solder Tail Contact Plating = Matte Tin over Nickel <p>Body Related Features:</p> <ul style="list-style-type: none"> • Header Type = Breakaway • Number of Positions = 10 • Centerline (mm [in]) = 2.54 [0.100] • Row -to- Row Spacing (mm [in]) = 2.54 [0.100] • Number of Rows = 2 • Selectively Loaded = No • Mount Type = Printed Circuit Board 	<p>Contact Related Features:</p> <ul style="list-style-type: none"> • Contact Plating, Mating Area, Material = Gold (30) • Contact Shape = Square • Contact Base Material = Phosphor Bronze <p>Housing Related Features:</p> <ul style="list-style-type: none"> • Housing Material = Thermoplastic - GF • Housing Color = Black • UL Flammability Rating = UL 94V-0 <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = 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 • RoHS/ELV Compliance History = Always was RoHS compliant • Approved Standards = UL E28476, CSA LR7189 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • High Temperature Housing = Yes • Temperature Range (°C) = -65 - +125 • High Temperature Compatible = Yes <p>Operation/Application:</p> <ul style="list-style-type: none"> • High Speed Serial Data Connector = No <p>Other:</p> <ul style="list-style-type: none"> • Brand = Tyco Electronics