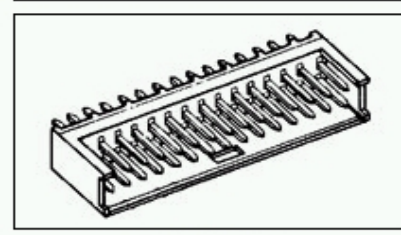




280509-1 Product Details

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280509-1

.100 inch AMPMODU Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

- Product Highlights:**
- Connector
 - Header Type = Shrouded
 - 18 Positions
 - Mating Post Length = 6.60 mm
 - 2.54 mm Centerline
- [View all Features](#)

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TE Internal Number: 280509-1
 Active

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • AMP MODU II HEADER ASS. (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <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 S) • 3D Model (IGES, Version S) • 3D Model (STEP, Version S) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Additional Product Images:</p> <ul style="list-style-type: none"> • PCB Layout <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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[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 = No • Board Standoff = Without • Mating Connector Lock = With • Mating Connector Lock Type = Detent Windows • Profile = Standard <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mounting Ears = Without • Panel Mount Retention = Without <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Post Length (mm [in]) = 3.50 [0.138] <p>Dimensions:</p> <ul style="list-style-type: none"> • Mating Post Length (mm [in]) = 6.60 [0.260] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Shrouded • Number of Positions = 18 • Row-to-Row Spacing (mm [in]) = 2.54 [0.100] • Number of Rows = 2 • Selectively Loaded = No • Mount Type = Printed Circuit Board 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Plating, Mating Area, Material = Tin • Contact Base Material = Phosphor Bronze <p>Housing Features:</p> <ul style="list-style-type: none"> • Centerline (mm [in]) = 2.54 [0.100] • Housing Material = Thermoplastic - GF • Housing Style = 3-Sided • 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 • RoHS/ELV Compliance History = Always was RoHS compliant <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C) = -55 - +105 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • High Temperature Housing = No <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 = AMP
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