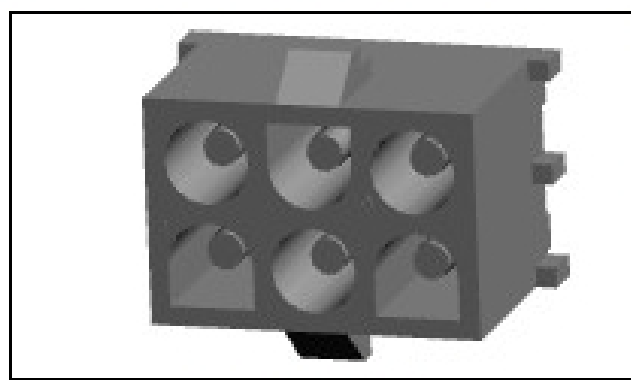




1586979-1 Product Details

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1586979-1

TE Internal Number: 1586979-1

Active

.250" Centerline, 600 V, 19 - 36 A max

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Universal MATE-N-LOK Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • PIN HEADER ASSEMBLY, 6 CIRCUIT, UNIVERSAL MATE-N-LOK (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:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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Product Features (Please use the Product Drawing for all design activity)

<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Line = Universal MATE-N-LOK • Product Type = Connector • Connector Type = Header • PCB Mounting Orientation = Vertical • PCB Mount Retention = Without • PCB Mount Alignment = Without • Sealed = No <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Contact Retention = Without • Mating Retention Type = Positive Lock • Panel Mount Retention = Without <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 12 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 600 <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Method to Wire/Cable = Solder • Termination Method to PC Board = Through Hole - Solder <p>Dimensions:</p> <ul style="list-style-type: none"> • Tail Length (mm [in]) = 3.94 - 4.69 [0.155 - 0.185] • PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] <p>Body Features:</p> <ul style="list-style-type: none"> • Mating Retention = With • Row-to-Row Spacing (mm [in]) = 6.35 [0.250] • Assembly Integration Feature = Without <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Style = Straight • Contact Layout = Matrix • Contact Base Material = Phosphor Bronze • Contact Plating, Mating Area, Material = Pre-Tin • Tail Plating Material = Pre-Tin • Multiple Contact Types = Without

<p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline (mm [in]) = 6.35 [0.2499] • Housing Material = Nylon - GF • Housing Color = Natural • Mating Alignment = With • Mating Alignment Type = Polarization <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 6 • Number of Rows = 2 • Strain Relief = Without <p>Industry Standards:</p> <ul style="list-style-type: none"> • Agency/Standard = UL • UL Flammability Rating = UL 94V-2 • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant • VDE Tested = Yes • UL Rating = Recognized • UL File Number = E28476 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Glow Wire Rating = Glow Wire • For Use With = Mates with Plug Housing (Using Socket Contacts) <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Bag • Packaging Quantity = 100 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

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