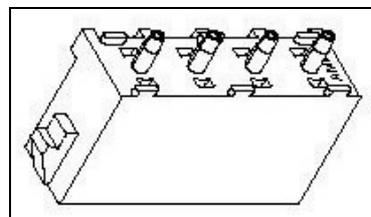




# 1586963-1 Product Details

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**1586963-1**

## .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

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
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TE Internal Number: 1586963-1

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## Documentation & Additional Information

### Product Drawings:

- [PIN HEADER ASSEMBLY, 4 CIRCUIT UNIVERSAL MATE-N-LOK\(TM\)](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files:

- None Available

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

[List all Documents](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- Product Line = Universal MATE-N-LOK
- Product Type = Connector
- Connector Type = Header
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- Sealed = No

### Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Locking Tab

### Electrical Characteristics:

- Contact - Rated Current (A) = 12
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

### Termination Features:

- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Solder

### Dimensions:

- Tail Length (mm [in]) = 3.94 - 4.69 [0.155 - 0.185]
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

### Body Features:

- Mating Retention = With
- Assembly Integration Feature = Without

### Contact Features:

- Contact Type = Pin
- Contact Style = Straight

### Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 6.35 [0.2499]
- Housing Material = Nylon - GF
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

### Configuration Features:

- Number of Positions = 4
- Number of Rows = 1

### Industry Standards:

- 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

### Environmental:

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

### Conditions for Usage:

- Applies To = Printed Circuit Board
- Glow Wire Rating = Glow Wire
- For Use With = Universal MATE-N-LOK

### Operation/Application:

- Contact Layout = In-Line
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Pre-Tin
- Tail Plating Material = Pre-Tin
- Multiple Contact Types = Without

- Application Use = Wire-to-Board

**Packaging Features:**

- Packaging Method = Bag
- Packaging Quantity = 100

**Other:**

- Brand = AMP

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