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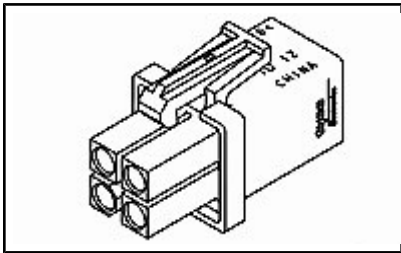
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# 172168-1 Product Details



172168-1



**.163" Centerline, 600 V, 9.5 A max.**



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

### Product Highlights:

- Housing
- Mini-Universal MATE-N-LOK
- Number of Circuits = 6
- 4.14 x 4.14 mm Centerline, Matrix
- Double-Row Contact Layout

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**Documentation & Additional Information**

**Product Drawings:**

- [MINI UNIVERSAL MATE-N-LOK PLUG HOUSING 6Pos.\(UL94V-0\)](#) (PDF, English)
- [MINI UNIVERSAL MATE-N-LOK PLUG HOUSING 6Pos.\(UL94V-0\)](#) (TIF, Japanese)

**Catalog Pages/Data Sheets:**

- [REPRESENTATIVE TERMINALS AND CONNECTORS \(1\)](#) (PDF, English)
- [REPRESENTATIVE TERMINALS AND CONNECTORS \(2\)](#) (PDF, English)
- [INTERCONNECTS FOR NETWORKING](#) (PDF, English)
- [MULTI-USER SYSTEMS \(1\)](#) (PDF, English)
- [MULTI-USER SYSTEMS \(2\)](#) (PDF, English)
- [SOFT SHELL PIN AND SOCKET CONNECTORS](#) (PDF, English)

**Product Specifications:**

- [Mini-Universal MATE-N-LOK\\* Connector](#) (PDF, English)
- [Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\)](#) (PDF, English)

**Application Specifications:**

- [Mini-Universal MATE-N-LOK Connectors](#) (PDF, English)

**Instruction Sheets:**

- [Mini-Universal MATE-N-LOK Connector](#) (PDF, English)

**CAD Files:** ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(16\)](#)
- [Contacts \(89\)](#)

[List all Documents](#)

**Product Features (Please use the Product Drawing for all design activity)****Product Type Features:**

- Product Type = Housing
- Connector Line = Mini-Universal MATE-N-LOK
- Number of Circuits = 6
- Mount = Free Hanging
- Gender = Plug
- Color = Natural
- Lock Type = Positive Lock

**Electrical Characteristics:**

- Voltage (VAC) = 600

**Body Related Features:**

- Centerline, Matrix (mm [in]) = 4.14 x 4.14 [.163 x .163]
- Contact Diameter (mm [in]) = 0.99 [0.039]

**Contact Related Features:**

- Contact Layout = Double-Row
- CompactPCI = No

**Housing Related Features:**

- Housing Material = Nylon
- Housing Flammability Rating = UL 94V-0

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

**Packaging Related Features:**

- Packaging Method = One Piece Housing
- Packaging Quantity = 500

**Other:**

- Brand = AMP

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