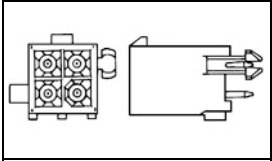


## 1-770174-1 Product Details



**1-770174-1**

TE Internal Number: 1-770174-1



[Active](#)



[View 3D PDF](#)

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

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

**Product Highlights:**

- Connector
- Header
- Connector Style = Plug
- Contact Type = Pin
- Through Hole Contact Termination Type

[View all Features](#)

### Documentation & Additional Information

**Product Drawings:**

- [HEADER ASSEMBLY, 4 CKT, MINI UNIVERSAL MATE-N-LOK](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [SOFT SHELL PIN AND SOCKET CONNECTORS CATALOG](#) (PDF, English)

**Product Specifications:**

- [Header, MATE-N-LOK\\*, Mini-Universal](#) (PDF, English)

**Application Specifications:**

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

**Instruction Sheets:**

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

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

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

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(2\)](#)

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

**Product Type Features:**

- Product Type = Connector
- Connector Type = Header
- Connector Line = Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Mount = Printed Circuit Board
- Color = White
- PCB Mount Retention = With
- Mount Angle = Vertical

**Mechanical Attachment:**

- Mating Retention Type = Detent Lock

**Electrical Characteristics:**

- Voltage (VAC) = 600
- Current Rating (A) = 9.5

**Termination Related Features:**

- Termination Method = Solder
- Termination Post Length (mm [in]) = 3.68 [0.145]

**Body Related Features:**

- Centerline (mm [in]) = 4.14 [0.163]
- Number of Positions = 4
- Mating Retention = With

**Contact Related Features:**

- Contact Type = Pin
- Contact Termination Type = Through Hole
- Contact Layout = Double-Row
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Gold (30)
- [Solder Process Drain Hole](#) = With

**Housing Related Features:**

- Connector Style = Plug
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

**Industry Standards:**

- [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

**Conditions for Usage:**

- Applies To = Printed Circuit Board
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

**Other:**

- Brand = AMP

- Contact Diameter (mm [in]) = 0.99 [0.039]
- PCB Mount Retention Type = Boardlock(s)