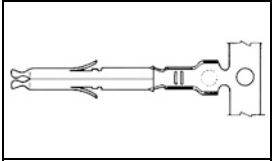


## 1-770986-0 Product Details



**1-770986-0**

TE Internal Number: 1-770986-0



[Active](#)



[View 3D PDF](#)

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

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

**Product Highlights:**

- Contact
- Contact Type = Socket
- Crimp Contact Termination Type
- Mini-Universal MATE-N-LOK
- Applies To Wire

[View all Features](#)

### Documentation & Additional Information

**Product Drawings:**

- [SOCKET, LOOSE PIECE, MINI UNIVERSAL MATE-N-LOK\(TM\)](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)
- [SOFT SHELL PIN AND SOCKET CONNECTORS CATALOG](#) (PDF, English)

**Product Specifications:**

- None Available

**Application Specifications:**

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

**Instruction Sheets:**

- None Available

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

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

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Housings \(193\)](#)

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

**Product Type Features:**

- Product Type = Contact
- Connector Line = Mini-Universal MATE-N-LOK
- Wire Insulation Diameter (mm [in]) = 1.20 - 1.75 [0.047 - 0.069]

**Electrical Characteristics:**

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

**Termination Related Features:**

- Termination Method = Crimp
- Solder Tail Contact Plating = Duplex

**Body Related Features:**

- Wire Range (mm [AWG]) = 0.12-0.40<sup>2</sup> [26-22]
- Contact Diameter (mm [in]) = 0.99 [0.039]
- Stock Thickness (mm [in]) = 0.20 [0.008]

**Contact Related Features:**

- Contact Type = Socket
- Contact Termination Type = Crimp
- Contact Base Material = Brass

**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

**Conditions for Usage:**

- Applies To = Wire

**Packaging Related Features:**

- Packaging Method = Loose Piece

**Other:**

- Brand = AMP