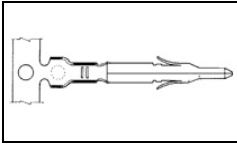


## 1-770987-0 Product Details



**1-770987-0**

TE Internal Number: 1-770987-0



Active



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

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

#### Product Highlights:

- Contact
- Contact Type = Pin
- Wire Barrel Contact Termination Type
- Mini-Universal MATE-N-LOK
- Terminate To Wire

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [PIN, 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 G1)
- [3D Model](#) (IGES, Version G1)
- [3D Model](#) (STEP, Version G1)

[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]) = 1.50 - 2.40 [0.059 - 0.094], 3.38 [0.133]

#### Electrical Characteristics:

- Voltage (VAC) = 600
- Current Rating (Amps.) = 9.5

#### Termination Related Features:

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

#### Body Related Features:

- Wire Range (mm [AWG]) = 0.30-0.90<sup>2</sup> [22-18], (2) 0.30-0.40<sup>2</sup> [(2) 22]
- Contact Diameter (mm [in]) = 0.99 [0.039]
- Stock Thickness (mm [in]) = 0.20 [0.008]

#### Contact Related Features:

- Contact Type = Pin
- Contact Termination Type = Wire Barrel
- 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:

- Terminate To = Wire

#### Packaging Related Features:

- Packaging Method = Loose Piece

#### Other:

- Brand = AMP

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