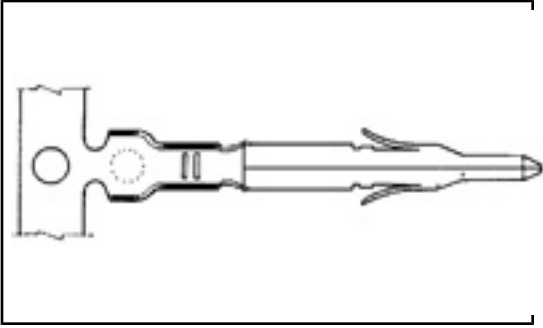


171638-1 Product Details



171638-1

TE Internal Number: 171638-1



[Active](#)

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



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

Product Highlights:

- Contact
- Mini-Universal MATE-N-LOK
- Pin
- Packaging Method = Loose Piece
- Wire Range = 0.50-1.40² [20-16] mm [AWG], (2) 0.50-0.60² [(2) 20] mm [AWG]

[View all Features](#)

Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

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

Product Specifications:

- [Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\)](#) (PDF, English)
- [Mini-Universal MATE-N-LOK Connector\(UL 94V-2\)](#) (PDF, English)

Application Specifications:

- [Crimping of Mini-Universal MATE-N-LOK Contact](#) (PDF, English)
- [Crimping of Mini-Universal MATE-N-LOK Contact](#) (PDF, Japanese)

Instruction Sheets:

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

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Housings \(199\)](#)

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

Product Type Features:

- Product Type = Contact
- Connector Line = Mini-Universal MATE-N-LOK
- Gender = Pin
- Wire Insulation Diameter (mm [in]) = 2.01 – 3.20 [0.079 – 0.126], 2.40 [0.094]

Electrical Characteristics:

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

Termination Related Features:

- Solder Tail Contact Plating = Pre-Tin

Body Related Features:

- Wire Range (mm [AWG]) = 0.50-1.40² [20-16], (2) 0.50-0.60² [(2) 20]
- Contact Diameter (mm [in]) = 0.99 [0.039]
- Stock Thickness (mm [in]) = 0.20 [0.008]

Contact Related Features:

- Contact Base Material = Brass
- CompactPCI = No

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 = Loose Piece

Other:

- Brand = AMP