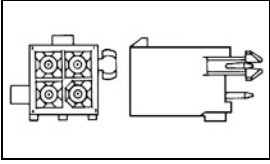


1-770875-1 Product Details



1-770875-1

TE Internal Number: 1-770875-1

 [Active](#)

 [View 3D PDF](#)

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

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

Product Highlights:

- Header - Pin
- Through Hole Contact Termination Type
- Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- 4.14 mm Centerline
- Terminate To Printed Circuit Board

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY CLOSED BOTTOM, 6 CKT, MINI UNIVERSAL...](#) (PDF, English)

Catalog Pages/Data Sheets:

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

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

Product Type Features:

- Product Type = Header - Pin
- Connector Line = Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Number of Positions = 6
- Mount = Printed Circuit Board
- Color = White
- Mount Angle = Vertical
- PCB Thickness (mm [in]) = 1.57 [0.062]

Mechanical Attachment:

- Mating Retention = With
- Mating Retention Type = Detent Lock

Contact Related Features:

- Contact Termination Type = Through Hole
- Contact Layout = Double-Row
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Gold (30)
- [Solder Process Drain Hole](#) = Without

Housing Related Features:

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

Configuration Related Features:

- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)

Electrical Characteristics:

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

Termination Related Features:

- Termination Method = Solder
- Termination Post Length (mm [in]) = 3.68 [0.145]
- Solder Tail Contact Plating = Matte Tin over Nickel

Body Related Features:

- Centerline (mm [in]) = 4.14 [0.163]
- Contact Diameter (mm [in]) = 0.99 [0.039]

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:

- Terminate To = Printed Circuit Board

Other:

- Brand = AMP