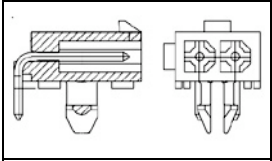


1-770966-0 Product Details



1-770966-0

TE Internal Number: 1-770966-0



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, RIGHT ANGLE, WITH SHORT PEG, 2 CIRC...](#) (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 = 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 = Right Angle

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]
- Solder Tail Contact Plating = Matte Tin over Nickel

Body Related Features:

- Centerline (mm [in]) = 4.14 [0.163]

Contact Related Features:

- Contact Type = Pin
- Contact Termination Type = Through Hole
- Contact Layout = In-Line
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Matte Tin

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

- Number of Positions = 2
- Mating Retention = With
- Contact Diameter (mm [in]) = 0.99 [0.039]
- PCB Mount Retention Type = Boardlock(s)