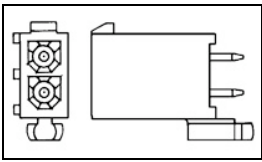


1-770166-1 Product Details



1-770166-1

TE Internal Number: 1-770166-1

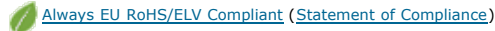


[Active](#)



[View 3D PDF](#)

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



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

Product Highlights:

- Header
- Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Number of Circuits = 2
- 4.14 mm Centerline, Matrix
- In-Line Contact Layout

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, 2 CKT, MINI UNIVERSAL MATE-N-LOK](#) (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 Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

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

Product Type Features:

- Product Type = Header
- Connector Line = Mini-Universal MATE-N-LOK, Mini-Universal MATE-N-LOK 2
- Number of Circuits = 2
- Mount = PCB Through Mount
- Gender = Pin
- Color = White
- Lock Type = Detent Lock
- Mount Angle = Vertical
- PCB Thickness (mm [in]) = 1.57 [0.062]

Mechanical Attachment:

- Boardlock = Short Board Lock

Electrical Characteristics:

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

Termination Related Features:

- Termination (Solder) Post Length (mm [in]) = 3.68 [0.145]

Body Related Features:

- Centerline, Matrix (mm [in]) = 4.14 [.163]
- Drain Hole = With
- Contact Diameter (mm [in]) = 0.99 [0.039]

Contact Related Features:

- Contact Layout = In-Line
- Contact Base Material = Brass
- Contact Mating Area Plating Material = Gold
- CompactPCI = No

Housing Related Features:

- Housing Material = Nylon
- Housing 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

Other:

- Brand = AMP

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