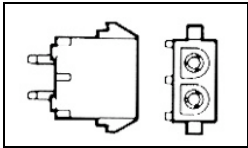


## 641965-1 Product Details



**641965-1**

TE Internal Number: 641965-1



[Active](#)



[View 3D PDF](#)

### .250" Centerline, 600 V, 19 - 36 A max



#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Universal MATE-N-LOK Product Line
- In-Line Contact Layout
- 6.35 mm Centerline

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(2\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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#### Documentation & Additional Information

##### Product Drawings:

- [PIN HEADER ASSEMBLY, POLARIZED, 3 CIRCUIT UNIVERSAL M...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [SOFT SHELL PIN SOCKET CONNECTORS STANDARD DENSITY](#) (PDF, English)

##### Product Specifications:

- None Available

##### Application Specifications:

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

##### Instruction Sheets:

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

##### 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 = Connector
- Product Line = Universal MATE-N-LOK
- Connector Type = Header - Pin
- Number of Positions = 3
- Color = Natural
- PCB Mount Polarization = With
- PCB Thickness (mm [in]) = 1.57 [0.062]
- Mount Angle = Vertical

##### Mechanical Attachment:

- Mating Retention = With
- Mating Retention Type = Positive Lock

##### Electrical Characteristics:

- High Current = No
- Current Rating (Amps.) = 19
- Voltage (VAC) = 600

##### Termination Related Features:

- Termination Method = Solder
- Termination Post Length (mm [in]) = 4.45 [0.175]

##### Body Related Features:

- Centerline (mm [in]) = 6.35 [0.250]

##### Contact Related Features:

- Contact Layout = In-Line
- Contact Type = Pin
- Contact Termination Type = Through Hole
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Base Material = Phosphor Bronze
- Sealable = No

##### Housing Related Features:

- Housing Type = Receptacle (Cap)
- Housing Material = Nylon
- Housing Flammability Rating = UL 94V-2

##### 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