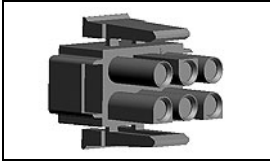



## 770041-1 Product Details



**770041-1**

TE Internal Number: 770041-1

 Active

 View 3D PDF

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

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Universal MATE-N-LOK II Product Line
- Housing
- Glow Wire Rating = Standard Part, Not Glow Wire
- Connector Style = Plug

### Documentation & Additional Information

#### Product Drawings:

- [PLUG FRONT, 12 CIRCUIT](#), (PDF, English)

#### Catalog Pages/Data Sheets:

- [2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#) (PDF, English)
- [SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#) (PDF, English)

#### Product Specifications:

- [Connector, Universal MATE-N-LOK II](#) (PDF, English)
- [Circular Multi-Pin Connector](#) (PDF, English)

#### Application Specifications:

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

#### Instruction Sheets:

- None Available

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

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

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [Schematic](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

#### Product Type Features:

- Product Type = Connector
- Product Line = Universal MATE-N-LOK II
- Connector Type = Housing
- Color = White

#### Mechanical Attachment:

- Mount = Free Hanging
- Mating Retention Type = Positive Lock

#### Electrical Characteristics:

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

#### Body Features:

- Row-to-Row Spacing (mm [in]) = 6.35 [0.250]
- Mating Retention = With

#### Contact Features:

- Contact Type = Pin or Socket
- Contact Layout = Matrix
- Sealable = No
- Contact Diameter (mm [in]) = 2.13 [0.084]

#### Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 6.35 [0.250]
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 12

#### 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

#### Conditions for Usage:

- Glow Wire Rating = Standard Part, Not Glow Wire

#### Packaging Features:

- Packaging Method = Front Piece

#### Other:

- Brand = AMP
- Comment = This component is part of a two-piece kit.