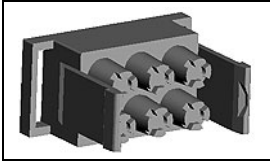


770042-1 Product Details



770042-1

TE Internal Number: 770042-1



[View 3D PDF](#)

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



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 REAR, 12 CIRCUIT, UNIVERSAL MATE-N-LOK](#) (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 E)
- [3D Model](#) (IGES, Version E)
- [3D Model](#) (STEP, Version E)

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 = Rear Piece

Other:

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