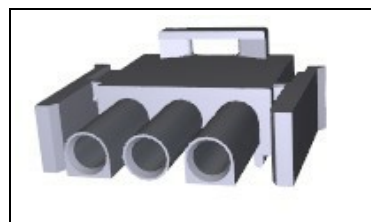




1-480700-3 Product Details

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1-480700-3

TE Internal Number: 1-480700-3

Active

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

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Universal MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Housing

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [PLUG, 3 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\)](#) (PDF, English)

Catalog Pages/Data Sheets:

- [SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- [Universal, Commercial, and .140 MATE-N-LOK Contact ...](#) (PDF, English)
- [Universal MATE-N-LOK Connectors](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Contacts \(166\)](#)

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

Product Type Features:

- Product Line = Universal MATE-N-LOK
- Product Type = Connector
- Connector Type = Housing
- Sealed = No
- CSA File Number = LR 16455

Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Latching

Electrical Characteristics:

- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

Body Features:

- Mating Retention = With
- Assembly Integration Feature = Without

Contact Features:

- Contact Type = Pin or Socket
- Contact Layout = In-Line
- Multiple Contact Types = Without

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 6.35 [0.2499]
- Housing Material = Nylon - GF

Configuration Features:

- Number of Positions = 3
- Number of Rows = 1
- Strain Relief = With

Industry Standards:

- Agency/Standard = CSA, UL
- UL Flammability Rating = UL 94V-2
- [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
- VDE Tested = Yes
- UL Rating = Recognized
- UL File Number = E28476
- CSA Rating = Certified

Environmental:

- Operating Temperature (°C [°F]) = -55 - +125 [-67 - +257]

Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- For Use With = Appropriate Universal MATE-N-LOK Cap or Header

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

Feedback

- Housing Color = Orange
- Mating Alignment = With
- Mating Alignment Type = Polarization

- Packaging Method = Package
- Packaging Quantity = 1

Other:

- Brand = AMP

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