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1-480709-0 Product Details

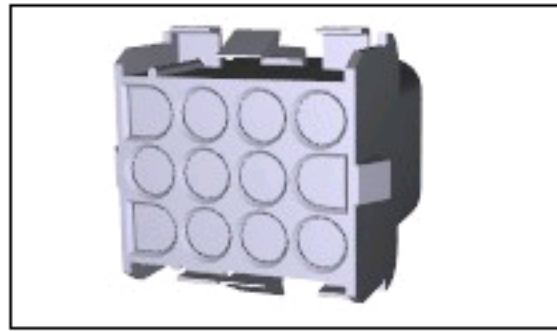➕ Share   🖨 Print   ✉ Email

1-480709-0

TE Internal Number: 1-480709-0
✔ Active

📄 View 3D PDF

.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-Panel / Wire-to-Wire
- Applies To Panel, Applies To Wire/Cable
- Connector
- Housing

View all Features

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Feedback

Documentation & Additional Information

Product Drawings:
- CAP, 12 CIRCUIT, UNIVERSAL MATE-N-LOK (PDF, English)

Catalog Pages/Data Sheets:
- SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English)

Product Specifications:
- Universal MATE-N-LOK* Connector (PDF, English)

Application Specifications:
- Universal MATE-N-LOK Connectors (PDF, English)

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 AL)
- 3D Model (IGES, Version AL)
- 3D Model (STEP, Version AL)

Additional Information:
- Product Line Information

Related Products:
- Tooling
- Mating Products (1)
- Contacts (166)

List all Documents

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
- Strain Relief = Without
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189

Mechanical Attachment:
- Contact Retention = Without
- Mating Retention Type = Locking Tab
- Panel Mount Retention = With
- Panel Mount Retention Type = Patch and Tabs

Electrical Characteristics:
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

Dimensions:
- Panel Thickness (mm [in]) = 0.76 – 2.29 [0.030 – 0.090]

Body Features:
- Mating Retention = With
- Row-to-Row Spacing (mm [in]) = 6.35 [0.250]
- Assembly Integration Feature = Without

Contact Features:
- Contact Type = Pin or Socket
- Contact Layout = Matrix
- Multiple Contact Types = Without

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 6.35 [0.2499]
- Housing Material = Nylon
- Housing Color = Natural
- UL Flammability Rating = UL 94V-2
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:
- Number of Positions = 12
- Number of Rows = 3

Industry Standards:
- Agency/Standard = CSA, UL
- 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
- CSA Rating = Certified

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

Conditions for Usage:
- Applies To = Panel, Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- For Use With = Appropriate Universal MATE-N-LOK Plug

Operation/Application:
- Application Use = Wire-to-Panel / Wire-to-Wire

Packaging Features:
- Packaging Method = Package
- Packaging Quantity = 1

Other:
- Brand = AMP

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