

1586860-1 Product Details

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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](#)

TE Internal Number: 1586860-1
 Active

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Documentation & Additional Information

Product Drawings:

- [CAP, 6 CIRCUIT, UNIVERSAL MATE-N-LOK\(TM\) \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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Feedback

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

Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Locking Tab
- Panel Mount Retention = With
- Panel Mount Retention Type = Latch(es)

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 - GF
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:

- Number of Positions = 6
- Number of Rows = 2

Industry Standards:

- Agency/Standard = 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

Environmental:

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

Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Glow Wire
- For Use With = Appropriate Universal MATE-N-LOK Plug

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Package
- Packaging Quantity = 1

Other:

- Brand = TE Connectivity