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1863003-1 Product Details

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1863003-1

TE Internal Number: 1863003-1

 Active

.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

- Pricing & Availability
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- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:

- PLUG, 9 CIRCUIT UNIVERSAL MATE N LOCK (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

[List all Documents](#)

Additional Information:

- Product Line Information

Related Products:

- Tooling

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 7189

Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Positive Lock
- Panel Mount Retention = Without

Electrical Characteristics:

- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 600
- Operating Voltage (VDC) = 600

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 = Plug
- Centerline (mm [in]) = 6.35 [0.2499]
- Housing Material = PA6 GF
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarization

Configuration Features:

- Number of Positions = 9
- Number of Rows = 3

Industry Standards:

- Agency/Standard = UL, CSA
- 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 = Glow Wire
- For Use With = Appropriate Universal MATE-N-LOK Cap or Header

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Package
- Packaging Quantity = 1,300

Other:

- Brand = TE Connectivity
- Comment = Glow Wire Test 750 Deg C (Without Flame)

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