

RECTANGULAR POWER CONNECTORS

















PRODUCT DRAWING



3D PDF

172163-1

TE Internal Number: 172163-1

TE CONNECTIVITY (TE)

Always EU RoHS/ELV Compliant

Product Type Housing

Housing Type Receptacle

Connector System Wire-to-Panel, Wire-to-Wire

15 CIR UNIV M-N-L CAP MATE-N-LOK | Mini-Universal MATE-N-LOK

Applies To Panel, Wire/Cable

Number of Positions 15

Product Drawings

15Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING (UL94V-O)

PDF (TIFF AVAILABLE)

English

15Pos MINI UNIVERSAL MATE-N-LOCK CONN. CAP HOUSING (UL94V-O)

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

Customer View Model

2D_DXF.ZIP English

3D PDF PDF

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF **English**

Product Specifications

Product Specification Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

English

Mini-Universal MATE-N-LOK Connector(UL 94V-0 Grade)

PDF **English**

Mini-Universal MATE-N-LOK* Connector

PDF **English**

Application Specification Mini-Universal MATE-N-LOK Connectors

Qualification Test Report Mini-Universal MATF-N-I OK* Connector

English Product Environmental Compliance TE Material Declaration MD_172163-1_041720122322 PDF **English** Instruction Sheets Instruction Sheet (non U.S.) Mini-Universal MATE-N-LOK Connector TIF Japanese Mini-Universal MATE-N-LOK Connector PDF **Japanese** Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity. **Product Type Features** Product Type Housing Housing Type Receptacle Contact Type Pin Configuration Features Number of Positions 15 4.14 mm [.163 in] Centerline Number of Rows Row-to-Row Spacing 4.14 mm [.163 in] Multiple Contact Types Without Contact Layout Matrix **Electrical Characteristics** Operating Voltage (VAC) 600 Operating Voltage (VDC) 600 Contact Features Contact Retention Without Mechanical Attachment Assembly Integration Feature Without Panel Mount Retention Type **Mounting Ears**

Panel Mount Retention

UL Flammability Rating

Housing Color

Housing Material

Housing Features

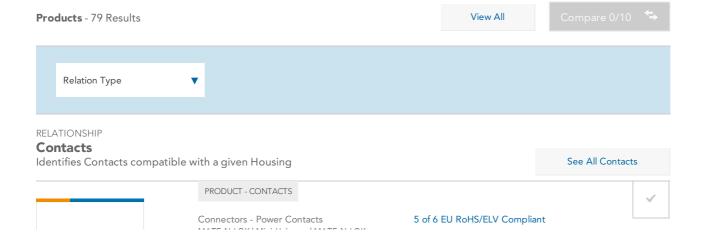
With

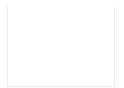
UL 94V-0

Natural

Nylon 6/6

Panel Thickness .8 – 2 mm [.031 – .078 in] Dimensions Width (mm) 14.55 Length (mm) 27.5 Usage Conditions Sealed Condition **Not Sealed** Operation/Application Connector System Wire-to-Panel, Wire-to-Wire Panel, Wire/Cable Applies To Operating Temperature -20 - 105 °C [-4 - 221 °F] Industry Standards Glow Wire Rating Standard Part - Not Glow Wire **UL** Rating Recognized CSA File Number LR7189 Agency/Standard CSA, UL **VDE** Tested Yes **CSA** Rating Certified Agency/Standard Number E28476 **Packaging Features** Packaging Method Bag 500 Packaging Quantity For Use With Other Mini-Universal MATE-N-LOK Cap Housing **Product Compliance** Statement of Compliance VIEW ALL PRODUCT COMPLIANCE





MATE-N-LOK | Mini-Universal MATE-N-LOK MINI UMNL PIN 22-18 AWG AU - 770903-3 TE INTERNAL NUMBER: 770903-3

✓ Active

Product Type **Contact**

Contact Current Rating 11.2 A

Operating Voltage 600 VAC

Operating Voltage 600 VDC

Wire/Cable Size 22 – 18 AWG

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

See All Contacts



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Mini-Universal MATE-N-LOK
MINI UMNL SOK 20-16
AWG AU LF - 1-794407-1

TE INTERNAL NUMBER: 1-794407-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating 11.2 A

Operating Voltage 600 VAC

Operating Voltage 600 VDC

Wire/Cable Size 20 - 16 AWG

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

See All Contacts



PRODUCT - CONTACTS

Connectors - Power Contacts
MATE-N-LOK | Mini-Universal MATE-N-LOK
MINI U-M-N-L PIN
CONTACT - 171636-1
TE INTERNAL NUMBER: 171636-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type Contact

Contact Current Rating 7 A

Operating Voltage 600 VAC

Operating Voltage 600 VDC

Wire/Cable Size 20 - 16 AWG

