



POWER CONTACTS



TE CONNECTIVITY (TE)

MINI UMNL SOCKET SN

MATE-N-LOK | Mini-Universal MATE-N-LOK

770834-1

TE Internal Number: 770834-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **11.2**

Operating Voltage (VAC) **600**

Operating Voltage (VDC) **600**

Wire/Cable Size (AWG) **30 - 26**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

SOCKET, MINI UNIVERSAL MATE-N-LOK(TM)

PDF
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
English

Catalog Pages/Data Sheets

AMP Circular Connectors For Commercial Signal & Power Applications Continued

PDF
English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF
English

1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG

PDF
English

Product Specifications

Product Specification

Mini-Universal MATE-N-LOK* Connector

PDF
English

Application Specification

Mini-Universal MATE-N-LOK Connectors

PDF
English

Qualification Test Report

Mini-Universal MATE-N-LOK* Connector

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_770834-1_042220142312_dmtec](#)

PDF
English

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 | Contact |
|----------------------------|---|--|
| Electrical Characteristics | Contact Current Rating (A) | 11.2 |
| | Operating Voltage (VAC) | 600 |
| | Operating Voltage (VDC) | 600 |
| | Contact Resistance | 20 |
| Contact Features | Contact Type | Socket |
| | Contact Base Material | Brass |
| | Contact Mating Area Plating Material | Pre-Tin |
| | Contact Termination Area Plating Material | Tin |
| Termination Features | Wire/Cable Size (AWG) | 30 – 26 |
| | Wire/Cable Size (mm ²) | .05 – .15 |
| | Termination Type | Crimp |
| Mechanical Attachment | Contact Retention in Housing | With |
| Dimensions | Mating Pin Diameter | 1.8 mm [.071 in] |
| | Accepts Wire Insulation Diameter Range | .89 – 1.27 mm [.035 – .05 in] |
| Operation/Application | Applies To | Wire/Cable |
| | Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
| | Connector System | Wire-to-Wire |
| Industry Standards | Glow Wire Rating | Standard Part - Not Glow Wire |
| | UL Flammability Rating | UL 94V-0 |
| | VDE Tested | Yes |
| | Agency/Standard | CSA, UL |
| | UL File Number | E28476 |





| | |
|-----------------|------------|
| CSA File Number | LR 7189 |
| UL Rating | Recognized |
| CSA Rating | Certified |

| | | |
|--------------------|--------------------|-------|
| Packaging Features | Packaging Method | Reel |
| | Packaging Quantity | 10000 |

| | | |
|-------|-----------------|---|
| Other | Wire/Cable Type | Discrete Wire |
| | Wire Type | Stranded |
| | Comment | HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine. |
| | For Use With | Plug Housing |

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| | | | |
|---|--|--|--|
| <p>POWER CONTACTS</p>  <p>.062 COMM P&S SOK AUNI/PHBZ 350628-6</p> <p>Save to List Find Similar Products</p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p>18P MINI UMNL PLUG HSG 770584-1</p> <p>Save to List Find Similar Products</p> | <p>POWER CONTACTS</p>  <p>MINI UMNL PIN SN 770835-1</p> <p>Save to List Find Similar Products</p> | <p>CRIMP RINGS & SPADES</p>  <p>PIDG SPDFLG 22-16COM22-18MIL10 1-331366-1</p> <p>Save to List Find Similar Products</p> |
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Products - 178 Results

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Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS





Connectors - Rectangular Connector Housings
MATE-N-LOK I Mini-Universal MATE-N-LOK

9 POS TR MINI UNIV PLG - 1-172340-2

TE INTERNAL NUMBER: 1-172340-2

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**

Insertion Force **7 kg**

Centerline **4.2 mm**

Row-to-Row Spacing **4.2 mm**

Number of Positions **9**

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors
MATE-N-LOK I Mini-Universal MATE-N-LOK

10P MINI UMNL PLUG HSG - 770580-1

TE INTERNAL NUMBER: 770580-1
ALIAS ID: 0-0770580-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **10**

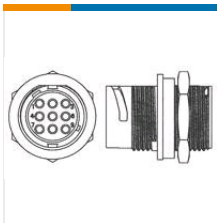
RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Circular Power Connectors
AMPI CPC

RECPT, 11-9, FLNG MT, STD KEY - 1445816-1

TE INTERNAL NUMBER: 1445816-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **9**

Applies To **Panel, Wire/Cable**

Housing Type **Receptacle**

Reverse Gender **Standard**