



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## 04P UMNL CAP HSG

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

350780-1

TE Internal Number: 350780-1

Alias ID: 403808173, 650-1096-01, AMP-0-0350780-1, D58278-000

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Panel**

Applies To **Panel, Wire/Cable**

Number of Positions **4**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[CAP,4 CIRCUIT, UNIVERSAL MATE-N-LOK](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

PDF  
English

### Product Specifications

Product Specification

[Universal MATE-N-LOK Connector](#)

PDF  
English

Application Specification

[Universal MATE-N-LOK Connectors](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_350780-1\\_04012015331\\_dmtec](#)

PDF  
English

### Instruction Sheets

Instruction Sheet (U.S.)

[Universal MATE-N-LOK Connectors](#)

Universal, Commercial, And .140 MATE-N-LOK Contact And Housing Selection  
Charts

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 | <b>Housing</b>       |
|                       | Housing Type | <b>Receptacle</b>    |
|                       | Contact Type | <b>Pin or Socket</b> |

|                        |                         |                           |
|------------------------|-------------------------|---------------------------|
| Configuration Features | Number of Positions     | <b>4</b>                  |
|                        | Centerline              | <b>6.35 mm [ .25 in ]</b> |
|                        | Number of Rows          | <b>1</b>                  |
|                        | Row-to-Row Spacing (in) | <b>.25</b>                |
|                        | Multiple Contact Types  | <b>Without</b>            |
|                        | Contact Layout          | <b>Inline</b>             |

|                            |                         |            |
|----------------------------|-------------------------|------------|
| Electrical Characteristics | Operating Voltage (VAC) | <b>600</b> |
|                            | Operating Voltage (VDC) | <b>600</b> |

|                  |                   |                |
|------------------|-------------------|----------------|
| Contact Features | Contact Retention | <b>Without</b> |
|------------------|-------------------|----------------|

|                       |                              |                         |
|-----------------------|------------------------------|-------------------------|
| Mechanical Attachment | Assembly Integration Feature | <b>Without</b>          |
|                       | Panel Mount Retention Type   | <b>Patch &amp; Tabs</b> |
|                       | Panel Mount Retention        | <b>With</b>             |

|                  |                        |                 |
|------------------|------------------------|-----------------|
| Housing Features | UL Flammability Rating | <b>UL 94V-0</b> |
|                  | Housing Color          | <b>Natural</b>  |
|                  | Housing Material       | <b>Nylon GF</b> |





|            |                 |                                       |
|------------|-----------------|---------------------------------------|
| Dimensions | Length (in)     | <b>1.05</b>                           |
|            | Panel Thickness | <b>.76 – 2.29 mm [ .03 – .09 in ]</b> |
|            | Height (in)     | <b>1.08</b>                           |
|            | Width (in)      | <b>.3</b>                             |

|                  |                  |                   |
|------------------|------------------|-------------------|
| Usage Conditions | Sealed Condition | <b>Not Sealed</b> |
|------------------|------------------|-------------------|

|                       |                        |  |
|-----------------------|------------------------|--|
| Operation/Application | Connector System       | <b>Wire-to-Panel</b>                         |
|                       | Applies To             | <b>Panel, Wire/Cable</b>                     |
|                       | Operating Temperature  | <b>-55 – 125 °C [ -67 – 257 °F ]</b>         |
| Industry Standards    | Glow Wire Rating       | <b>Standard Part - Not Glow Wire</b>         |
|                       | UL Rating              | <b>Recognized</b>                            |
|                       | CSA File Number        | <b>LR7189</b>                                |
|                       | Agency/Standard        | <b>CSA, UL</b>                               |
|                       | VDE Tested             | <b>Yes</b>                                   |
|                       | CSA Rating             | <b>Certified</b>                             |
|                       | Agency/Standard Number | <b>E28476</b>                                |
| Packaging Features    | Packaging Method       | <b>Package</b>                               |
|                       | Packaging Quantity     | <b>1</b>                                     |
| Other                 | For Use With           | <b>Appropriate Universal MATE-N-LOK Plug</b> |

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

## CUSTOMERS ALSO BOUGHT

|  |  |   |  |
|--|--|---|--|
| <p>RECTANGULAR POWER CONNECTORS</p>  <p><b>06P .093 COMM P&amp;S PLUG .250CL</b><br/>770373-1</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p><b>04P UMNL PLUG HSG</b><br/>350779-1</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>RECTANGULAR POWER CONNECTORS</p>  <p><b>15P .093 COMM P&amp;S PLUG</b><br/>770107-1</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> | <p>OCEAN APPLICATORS</p>  <p><b>WIRE DISC ASSY</b><br/>354777-1</p> <p><a href="#">Save to List</a><br/><a href="#">Find Similar Products</a></p> |
|--|--|---|--|

Products - 151 Results

[View All](#)

[Compare 0/10](#)



## RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

## PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK | Universal MATE-N-LOK**UMNL SOK 20-14 .0126****AUNI/BR - 350536-2**

TE INTERNAL NUMBER: 350536-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**Contact Current Rating **19 A**Operating Voltage **600 VAC**Wire/Cable Size **20 – 14 AWG**Wire/Cable Size **.5 – 2 mm<sup>2</sup>**

## RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

## PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK | Universal MATE-N-LOK**UMNL PIN 24-18 .0126****PTPPHBZ - 350561-3**

TE INTERNAL NUMBER: 350561-3

ALIAS ID: 405331331

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**Contact Current Rating **19 A**Operating Voltage **600 VAC**Wire/Cable Size **24 – 18 AWG**Wire/Cable Size **.2 – .8 mm<sup>2</sup>**

## RELATIONSHIP

**Contacts**

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

## PRODUCT - CONTACTS

Connectors - Power Contacts  
MATE-N-LOK | Universal MATE-N-LOK**UMNL SOK 20-14 .0126****PTPBR - 350537-1**

TE INTERNAL NUMBER: 350537-1

ALIAS ID: AMPS-0-0350537-1, D60465-000

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**Contact Current Rating **19 A**Operating Voltage **600 VAC**Wire/Cable Size **20 – 14 AWG**Wire/Cable Size **.5 – 2 mm<sup>2</sup>**