Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 5 Position, 6.35mm [.25in] Centerline, Wire & Cable

Features

### Product Type Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rectangular Power Connector Type</td>
<td>Housing</td>
</tr>
<tr>
<td>Connector &amp; Housing Type</td>
<td>Plug</td>
</tr>
<tr>
<td>Connector System</td>
<td>Wire-to-Board, Wire-to-Wire</td>
</tr>
<tr>
<td>Number of Positions</td>
<td>5</td>
</tr>
<tr>
<td>Centerline (Pitch)</td>
<td>6.35 mm [.25 in]</td>
</tr>
</tbody>
</table>

### Configuration Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Positions</td>
<td>5</td>
</tr>
<tr>
<td>Number of Power Positions</td>
<td>0</td>
</tr>
<tr>
<td>Number of Signal Positions</td>
<td>0</td>
</tr>
<tr>
<td>Number of Rows</td>
<td>1</td>
</tr>
</tbody>
</table>

### Electrical Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage</td>
<td>600 VAC</td>
</tr>
</tbody>
</table>

### Contact Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple Contact Types</td>
<td>Without</td>
</tr>
</tbody>
</table>
### Contact Layout
- Inline

### Contact Retention Within Housing
- Without

## Termination Features
### Termination Method to Wire & Cable
- Crimp

## Mechanical Attachment
### Connector Mounting Type
- Cable Mount (Free-Hanging)

## Housing Features
### Centerline (Pitch)
- 6.35 mm [0.25 in]

### Housing Color
- Natural

### Housing Material
- Nylon

## Usage Conditions
### Operating Temperature Range
- -55 – 105 °C [-67 – 221 °F]

## Operation/Application
### Assembly Integration Feature
- Without

### Circuit Application
- Power & Signal

## Industry Standards
### CSA Rating
- Certified

### UL Flammability Rating
- UL 94V-0

### Glow Wire Rating
- Standard Part - Not Glow Wire

### UL Rating
- Recognized

### Agency/Standard Number
- E28476

### CSA File Number
- LR16455

### VDE Tested
- Yes

### Agency/Standard
- CSA, UL

## Packaging Features
### Packaging Method
- Package

### Packaging Quantity
- 1

## Other
### For Use With
- Appropriate Universal MATE-N-LOK Cap or Header

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For support call +1 800 522 6752
For compliance documentation, visit the product page on TE.com>

<table>
<thead>
<tr>
<th>EU RoHS Directive 2011/65/EU</th>
<th>Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU ELV Directive 2000/53/EC</td>
<td>Compliant</td>
</tr>
<tr>
<td>China RoHS 2 Directive MIIT Order No 32, 2016</td>
<td>No Restricted Materials Above Threshold</td>
</tr>
<tr>
<td></td>
<td>Candidate List Declared Against: JAN 2020 (205)</td>
</tr>
<tr>
<td></td>
<td>Does not contain REACH SVHC</td>
</tr>
<tr>
<td></td>
<td>Candidate List Declared Against: JAN 2020 (205)</td>
</tr>
<tr>
<td>Halogen Content</td>
<td>Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free</td>
</tr>
<tr>
<td>Solder Process Capability</td>
<td>Not applicable for solder process capability</td>
</tr>
</tbody>
</table>

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ’Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

[Images of compatible parts]

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Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 5 Position, 6.35mm [.25in] Centerline, Wire & Cable

Also in the Series

Universal MATE-N-LOK

Circular Power Connector(12)
Connector Contacts(11)
Power Contacts(208)
Rectangular Boots & Strain Relief(33)
### Product Drawings

**0SP UMN PLUG HSG**

**CAD Files**

**3D PDF**

**3D**

**Customer View Model**

**ENG_CVM_CVM_350809-1_AW.2d_dxf.zip**

**Customer View Model**

**ENG_CVM_CVM_350809-1_AW.3d_igs.zip**

**Customer View Model**

**ENG_CVM_CVM_350809-1_AW.3d_stp.zip**

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### Datasheets & Catalog Pages

**SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY**

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### Product Specifications

**Application Specification**

**Application Specification**

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### Product Environmental Compliance

**TE Material Declaration**

**MD_350809-1_0308201990_dmtc**

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### Instruction Sheets

**Instruction Sheet (U.S.)**

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### Agency Approvals

**VDE Certificate**

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