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Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **4**

Centerline (Pitch): **4.14 mm [ .162 in ]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Header Type                       | Fully Shrouded        |
| Rectangular Power Connector Type  | Header                |
| Connector & Housing Type          | Plug                  |
| Connector System                  | Wire-to-Board         |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                            |             |
|----------------------------|-------------|
| Number of Positions        | 4           |
| PCB Mount Orientation      | Right Angle |
| Number of Power Positions  | 4           |
| Number of Signal Positions | 0           |
| Number of Rows             | 2           |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|



Contact Features

|                                                |                |
|------------------------------------------------|----------------|
| Contact Termination Area Plating Finish        | Matte          |
| Multiple Contact Types                         | Without        |
| Contact Current Rating (Max)                   | 9.5 A          |
| Contact Retention Within Housing               | Without        |
| Contact Type                                   | Pin            |
| PCB Contact Termination Area Plating Material  | Tin-Lead       |
| Contact Mating Area Plating Material           | Gold           |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---------------------------------------------|-----------------------|

Mechanical Attachment

|                          |                 |
|--------------------------|-----------------|
| Strain Relief            | Without         |
| Mating Alignment Type    | Chamfered Edges |
| Mating Alignment         | With            |
| PCB Mount Alignment      | Without         |
| Panel Mount Feature      | Without         |
| PCB Mount Retention      | With            |
| PCB Mount Retention Type | Boardlock       |
| Connector Mounting Type  | Board Mount     |
| Mating Retention         | With            |
| Mating Retention Type    | Locking Tab     |

Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 4.14 mm[.162 in] |
| Housing Color      | White            |
| Housing Material   | Nylon            |

Dimensions

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 4.14 mm[.163 in] |
| Width              | 12.7 mm          |
| Height             | 11.86 mm         |
| Length             | 9.86 mm          |

Usage Conditions

|  |  |
|--|--|
|  |  |
|--|--|



|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                              |         |
|------------------------------|---------|
| Assembly Integration Feature | Without |
| Circuit Application          | Power   |

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| CSA Rating             | Certified                     |
| UL Flammability Rating | UL 94V-0                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| Agency/Standard Number | E28476                        |
| Agency/Standard        | CSA, UL                       |
| UL Rating              | Recognized                    |
| CSA File Number        | LR7189                        |
| VDE Tested             | No                            |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Bag |
| Packaging Quantity | 200 |

Other

|              |              |
|--------------|--------------|
| For Use With | Plug Housing |
|--------------|--------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                          |
| Solder Process Capability                     | Not lead free process capable                                                                                                                                                                                                                                                                                                                                                                                                |





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, DBP, 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                    |                                             |                                                     |                                                   |
|----------------------------------------------------|---------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
|                                                    |                                             |                                                     |                                                   |
| TE Part # 794805-1<br>4 CIR UMN2 PLUG, ROUND HOLES | TE Part # 172167-1<br>4 CIR UNIV M-N-L PLUG | TE Part # 794188-1<br>04P MINI UMN2 PLUG HSG UL94V0 | TE Part # 794772-4<br>04P MINI UMN2 SEAL, DIE CUT |

Also in the Series | Mini-Universal MATE-N-LOK

|                                    |                                      |                                       |                                  |
|------------------------------------|--------------------------------------|---------------------------------------|----------------------------------|
|                                    |                                      |                                       |                                  |
| Connector Contacts(11)             | Insertion & Extraction Tools(1)      | PCB Headers & Receptacles(1)          | Power Contacts(85)               |
|                                    |                                      |                                       |                                  |
| Rectangular Backshells & Clamps(2) | Rectangular Boots & Strain Relief(2) | Rectangular Connector Keying Plugs(2) | Rectangular Connector Locking(2) |



Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought



TE Part #M3041-000006-250PG  
PRESS XDCR M3041-000006-250PG



TE Part #640455-5  
Polyester Right Angle PCB Header:  
2.54mm, Wire-to-Board, MTA 100



TE Part #3-641213-3  
03P MTA100 HDR ASSY PO/ST LF



TE Part #1-794106-0  
20P MINI UMNL R/A HDR ASSY



TE Part #1-770972-0  
12P MINI UMNL R/A HDR ASSY LF



TE Part #1-770966-0  
02P MINI UMNL R/A HDR ASSY SN



TE Part #5-103735-4  
05 MTE HDR SRST LATCH .100CL



TE Part #2-2176094-4  
RP 2A 0.25W 205K 0.1% 25PPM 1K RL



TE Part #4-1879355-7  
RR03 5% 360K AMMO

Documents

Product Drawings

04P MINI UMNL R/A HDR ASSY AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770968-2\_E.2d\_dxf.zip





English

Customer View Model

[ENG\\_CVM\\_CVM\\_770968-2\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_770968-2\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

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[Instruction Sheet \(U.S.\)](#)

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Agency Approvals

[Agency Approval Document](#)

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