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Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **10**

Centerline (Pitch): **3 mm [.118 in]**

Features

Product Type Features

|                                   |                             |
|-----------------------------------|-----------------------------|
| Rectangular Power Connector Type  | Housing                     |
| Connector & Housing Type          | Plug                        |
| Connector System                  | Wire-to-Panel, Wire-to-Wire |
| Sealable                          | No                          |
| Connector & Contact Terminates To | Wire & Cable                |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
| Number of Rows      | 2  |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Contact Features

|                                  |         |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
| Contact Type                     | Pin     |



Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Strain Relief            | Without       |
| Mating Alignment Type    | Polarization  |
| Mating Retention         | With          |
| Mating Alignment         | With          |
| Panel Mount Feature      | With          |
| Panel Mount Feature Type | Locking Latch |
| Mating Retention Type    | Locking Tab   |
| Connector Mounting Type  | Panel Mount   |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 3 mm [.118 in] |
| Housing Color      | Black          |
| Housing Material   | Nylon          |

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Panel Thickness (Recommended)        | 1.57 – 2.3 mm [.062 – .091 in] |
| Compatible Insulation Diameter (Max) | 1.52 mm [.06 in]               |
| Connector Height                     | 8.71 mm                        |
| Product Width                        | 16.89 mm                       |
| Product Length                       | 24.85 mm                       |
| Row-to-Row Spacing                   | 3 mm [.118 in]                 |

Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|   |                         |
|---|-------------------------|
| CSA Rating                                  | Certified, LR 7189      |
| UL Rating                                   | Recognized              |
| Compatible With Agency/Standards Products   | CNR, USR                |
| Compatible With Approved Standards Products | UL E28476, VDE 40005280 |
| UL Flammability Rating                      | UL 94V-0                |



Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method   | Bag |

Product Compliance

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

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability  |

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 # 1-794617-0  
10POS,MICRO MNL,RCPT HSG



TE Part # 3-794615-8  
8P MICRO MNL PLUG HSG PNL MT  
DBL RW V0 G



Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(469)

Customers Also Bought



TE Part #2-1871940-9  
DYNAMIC 1900D REC ASSY(SPR CLAMP) 38P



TE Part #1-794617-0  
10POS, MICRO MNL, RCPT HSG



TE Part #794615-4  
PANEL MT DBL ROW HSG 4 POS



TE Part #1445048-2  
PANEL MT SNGL ROW HSG 2 POS



TE Part #1-794608-0  
PIN CONT 20-24 TIN PLATE STRIP



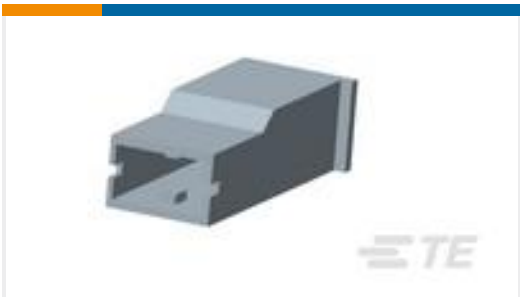
TE Part #1-794616-2  
FREE HANG DBL ROW HSG 12 POS



TE Part #2-1445050-8  
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-1445051-2  
MICRO MNL HDR ASSY S/ROW LF



TE Part #154719-5  
PL 250 REC HSG 1P NYLON GREEN

Documents

Product Drawings

PANEL MT DBL ROW HSG 10 POS

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1-794615-0\\_C1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794615-0\\_C1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794615-0\\_C1.3d\\_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

[MICRO MATE-N-LOK CONNECTOR SYSTEM](#)

English

Product Specifications

[Application Specification](#)

English