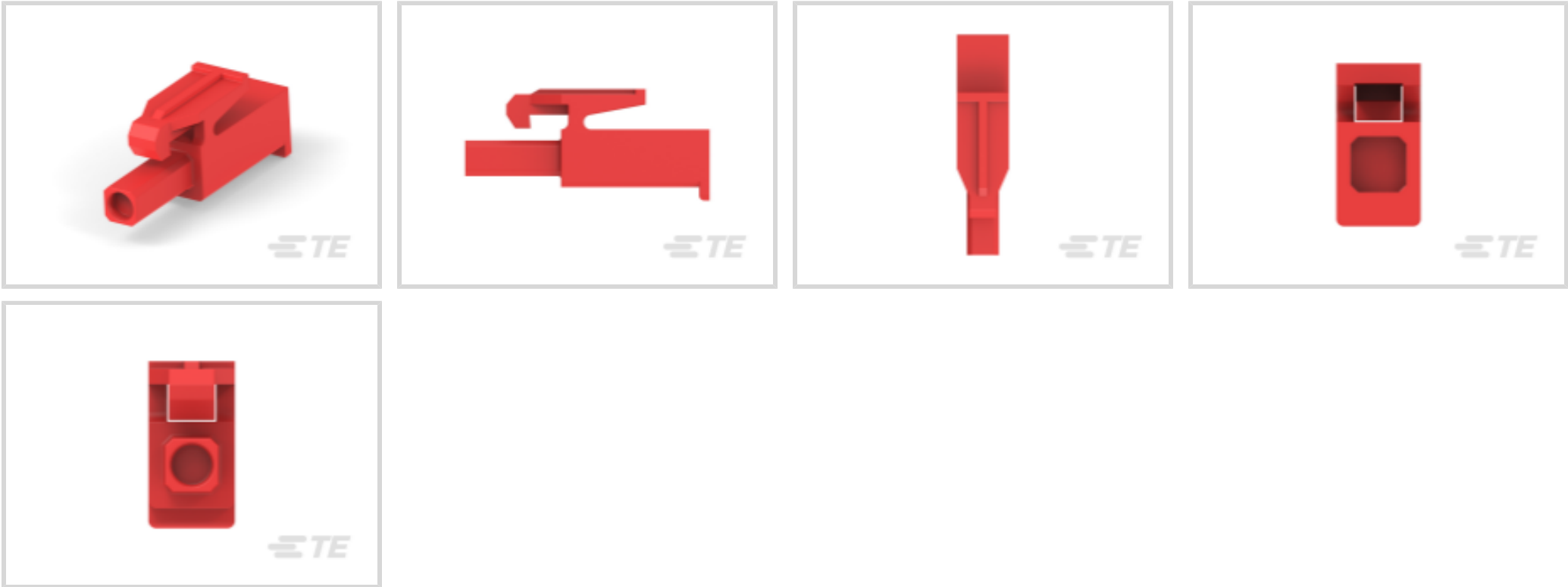




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Connector & Housing Type: **Plug**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Wire**  
Contact Retention Within Housing: **Without**

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Product Type            | Housing      |
| Connector & Housing Type          | Plug         |
| Connector System                  | Wire-to-Wire |
| Sealable                          | No           |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

|                            |   |
|----------------------------|---|
| Number of Positions        | 1 |
| Number of Rows             | 1 |
| Number of Power Positions  | 1 |
| Number of Signal Positions | 0 |

Electrical Characteristics

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

Body Features

|                       |     |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|



Contact Features

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

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

|                  |           |
|------------------|-----------|
| Housing Material | Nylon 6/6 |
|------------------|-----------|

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 105 °C[-4 – 221 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Melamine (3% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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 < 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 # 1-172156-2  
1 POS SR MINI UNIV



TE Part # 1-794374-1  
SINGLE CIRCUIT MINI UMNL ASSY

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



Connector Contacts(123)



Connector Hardware(4)



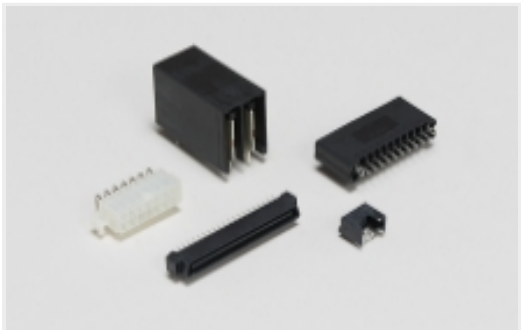
Power Contacts(122)



Rectangular Connector Housings(149)



Rectangular Power Connectors(241)



Standard Rectangular Connectors(149)



Wire-to-Board Connector Assemblies & Housings(22)



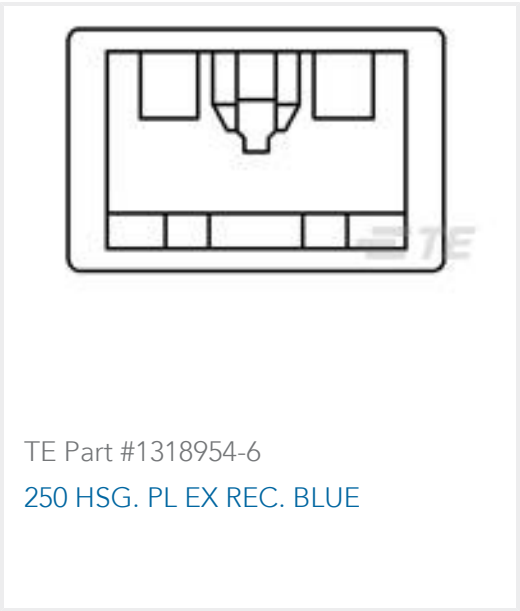
Customers Also Bought



TE Part #1-174587-1  
PL MK2 2P 187 HOUSING  
RECEPTACLE NAT



TE Part #177899-4  
POWER DBL LOCK PLUG HSG 3P



TE Part #1318954-6  
250 HSG. PL EX REC. BLUE



TE Part #6-1333281-6  
CRIMPER, WIRE, F



TE Part #3-1376392-5  
5MM POWER KEY 4P PLUG 2ROW YEL



TE Part #6-1729341-9  
COMBINATION ANVIL



TE Part #CAT-G7534-P729A  
Glow Wire GRACE INERTIA Plug



TE Part #240634-1  
LEVER, TERMINAL FD



TE Part #2-1376388-4  
5.0 PK CONN. 2P PLUG HSG (W/O  
GF) - BLUE

Documents

Product Drawings

MINI UNIVERSAL M-N-L PLUG 1P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-172164-2\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-172164-2\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-172164-2\_J.3d\_stp.zip

English

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



Datasheets & Catalog Pages

mini-universal-mate-n-lok-connectors

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English