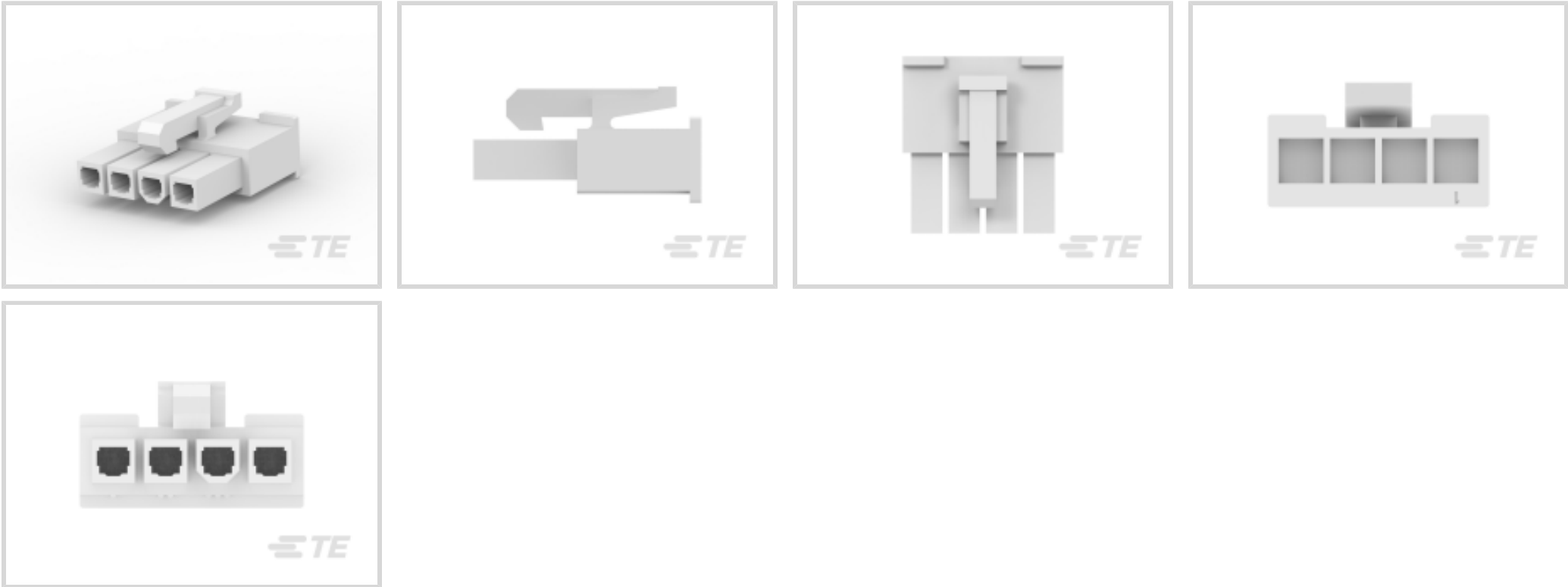




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

Configuration Features

|                     |           |
|---------------------|-----------|
| Insertion Force     | 15 Newton |
| Number of Positions | 4         |
| Number of Rows      | 1         |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|



Contact Features

|                                  |            |
|----------------------------------|------------|
| Contact Layout                   | Inline     |
| Contact Type                     | Receptacle |
| Contact Retention Within Housing | Without    |

Termination Features

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

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Nylon 66         |
| Centerline (Pitch) | 4.2 mm [.165 in] |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.2 – 3.1 mm [.047 – .122 in] |
| Connector Width                      | 19.8 mm [.779 in]             |
| Connector Height                     | 7.5 mm [.295 in]              |
| Connector Length                     | 18 mm [.709 in]               |

Usage Conditions

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

Operation/Application

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

Identification Marking

|                                |      |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

|                                             |                               |
|---------------------------------------------|-------------------------------|
| Compatible With Agency/Standards Products   | CSA, UL                       |
| UL Rating                                   | Recognized                    |
| Compatible With Approved Standards Products | UL E28476                     |
| CSA Rating                                  | 208567                        |
| Glow Wire Rating                            | Standard Part - Not Glow Wire |
| UL Flammability Rating                      | UL 94V-0                      |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|



Packaging Method

Bag & Box

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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                                                                                  |

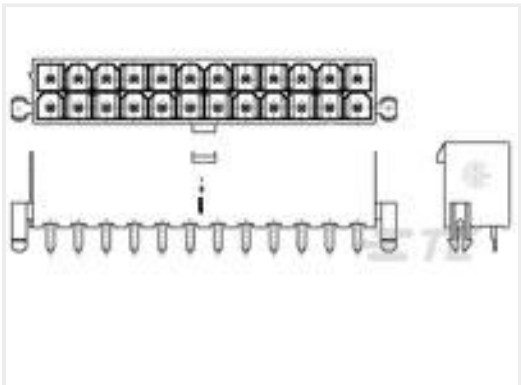
Product Compliance Disclaimer

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 # 2825274-4  
4P VAL-U-LOK HCS VRTHDR W/PGS GW



TE Part # 2029172-4  
4P VRT HDR VAL-U-LOK V2 W/ODH



TE Part # 3-2029134-4  
4P VAL-U-LOK VRT HDR W/P V0 Black Lubed



TE Part # 2495476-4  
4P VAL-U-LOK SR HDR V0 W/DH Black Lubed



TE Part # 2366840-4  
4P VAL-U-LOK SR HDR SN V0 W/DH  
with tube

TE Part # 1586025-4  
4P S/R FH PLUG VAL-U-LOK V0

TE Part # 2-2029056-4  
4P VAL-U-LOK SR HDR SN V0 W/DH  
with Lube

TE Part # 1-2825274-4  
14P VAL-U-LOK HCS VRTHDR W/PGS  
GW

TE Part # 1586023-4  
4P S/R PM PLUG VAL-U-LOK V0

Customers Also Bought

TE Part #1969614-8  
8P RCPT VAL-U-LOK V0

TE Part #185309-1  
PLUG HOUSING 3W MQS

TE Part #31114  
TERMINAL, BUDG R 12-10 10

TE Part #2-1318116-3  
DYNAMIC D2100 TAB HSG 3P P/M Y

TE Part #353715-3  
DYNAMIC D-3 REC CONT. 3L AU 0.76

TE Part #CAT-SI261-P729A  
Glow Wire Signal Double Lock Plug

TE Part #638393-1  
10P PLUG ASSY A KEY W/O CPA

TE Part #1744417-7  
7 POS EP 2.5 HSG, GLOW WIRE

TE Part #2029094-6  
6P RCPT VAL-U-LOK V0 RED

Documents



CAD Files

Customer View Model

ENG\_CVM\_CVM\_1586027-4\_D.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1586027-4\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1586027-4\_D.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

VAL-U-LOK\_SINGLE\_ROW\_HEADERS

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English