



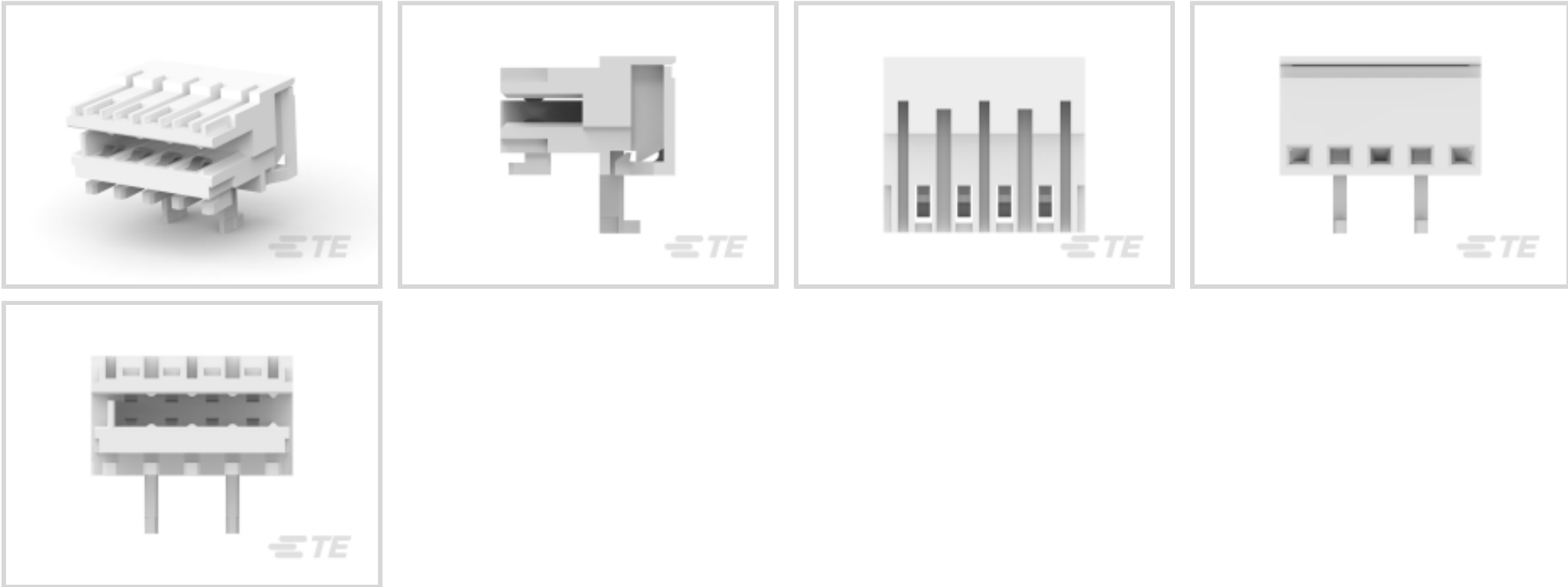
RAST

TE Internal #: 4-1534796-4

Standard Edge Connectors, Wire-to-Board, 4 Position, .098 in [2.5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 6 GF, Fully Loaded

[View on TE.com >](#)

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Wire-to-Board**  
Number of Positions: **4**  
Centerline (Pitch): **2.5 mm [ .098 in ]**  
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**  
Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Wire-to-Board         |
| Connector & Housing Type          | Receptacle            |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                                         |               |
|-----------------------------------------|---------------|
| Card Entry Style                        | Side          |
| Number of Insulation Displacement Slots | 4             |
| Compatible With Wire & Cable Type       | Discrete Wire |
| Number of Positions                     | 4             |
| Number of Rows                          | 1             |
| Connector Contact Load Condition        | Fully Loaded  |
| PCB Mount Orientation                   | Right Angle   |

Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Contact Features



|                                                |            |
|------------------------------------------------|------------|
| Contact Retention Within Housing               | With       |
| Contact Type                                   | Socket     |
| Contact Mating Area Plating Material Thickness | 3 – 6 µm   |
| Contact Mating Area Plating Material           | Tin        |
| PCB Contact Termination Area Plating Material  | Tin        |
| Contact Base Material                          | Copper Tin |
| Contact Current Rating (Max)                   | 2 A        |

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Mating Alignment Type                 | Keyed                      |
| Mating Retention                      | Without                    |
| Mating Alignment                      | With                       |
| Contact Retention Type Within Housing | Locking Lance              |
| PCB Mount Alignment                   | Without                    |
| Panel Mount Feature                   | Without                    |
| PCB Mount Retention                   | Without                    |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

|                             |                 |
|-----------------------------|-----------------|
| Housing Entry Configuration | Both Ends Open  |
| Centerline (Pitch)          | 2.5 mm[.098 in] |
| Housing Color               | Natural         |
| Housing Material            | PA 6 GF         |

Dimensions

|                                        |                 |
|----------------------------------------|-----------------|
| Connector Height                       | 7.3 mm[.287 in] |
| PCB Thickness (Recommended)            | 1.5 mm[.059 in] |
| Accepts Wire Insulation Diameter Range | 1.27 mm[.05 in] |
| Wire Size                              | .22 – .35 mm²   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|



Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Box  |
| Packaging Quantity | 3080 |

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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

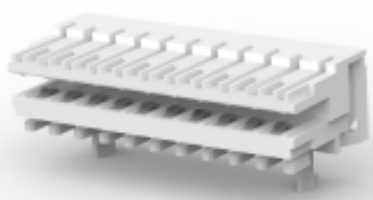
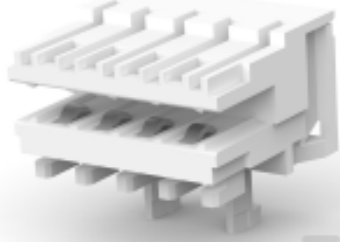
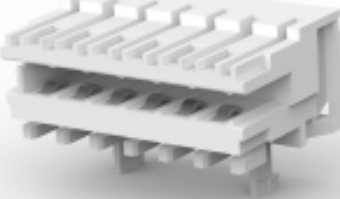
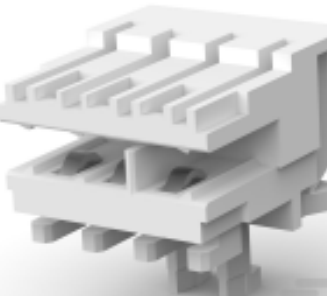
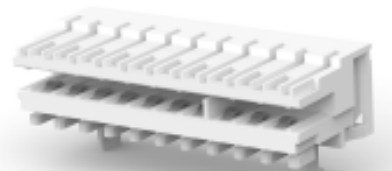
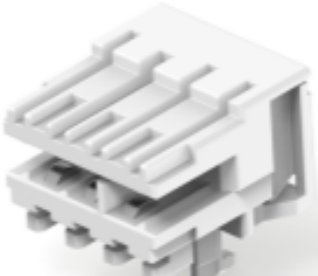
Product Compliance Disclaimer

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>

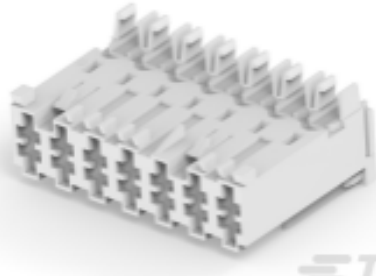
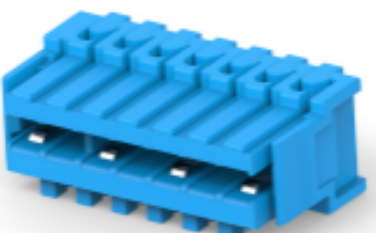
Compatible Parts





|                                                                                                                                                       |                                                                                                                                                     |                                                                                                                                                         |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 3-1534796-0<br>AMP DUOPLUG MK2 CONNECTOR 10P           | <br>TE Part # 3-1534796-4<br>AMP DUOPLUG MK2 CONNECTOR 4P S        | <br>TE Part # 3-1534796-3<br>AMP DUOPLUG MK2 CONNECTOR 3P            | <br>TE Part # 1-1534799-9<br>DUOPLUG MK II SELECTIVE LOADED           |
| <br>TE Part # 3-1534799-1<br>AMP DUOPLUG MK2 CONNECTOR 11P SELECTIVE | <br>TE Part # 4-1534796-6<br>AMP DUOPLUG MARK II CONNECTOR 3-20POS | <br>TE Part # 4-1534799-1<br>AMP DUOPLUG MARK II CONNECTOR SELE.LOAD | <br>TE Part # 4-1534799-3<br>AMP DUOPLUG MARK II CONNec. SELEC.LOADED |
| <br>TE Part # 5-1534796-4<br>AMP DUOPLUG MK2 CONNECTOR 4P S        | <br>TE Part # 5-1534796-8<br>AMP DUOPLUG 2,5 MARK II CONNECTOR   | <br>TE Part # 6-1534796-3<br>AMP DUOPLUG MK2 CONNECTOR 3P          | <br>TE Part # 7-1534796-0<br>AMP DUOPLUG MK2 CONNECTOR 10P          |
| <br>TE Part # 7-1534796-3<br>AMP DUOPLUG MK2 CONNECTOR 3P          | <br>TE Part # 9-1534796-3<br>AMP DUOPLUG MK2 CONNECTOR 3P        |                                                                                                                                                         |                                                                                                                                                          |

Customers Also Bought

|                                                                                                                                               |                                                                                                                                                       |                                                                                                                                               |                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part #3-1534796-4<br>AMP DUOPLUG MK2 CONNECTOR 4P S | <br>TE Part #1-2293392-7<br>AMP MONO-SHAPE TAB CONN 7P. LIF UP 10A | <br>TE Part #1-284866-7<br>Direct mount card edge conn., | <br>TE Part #171370-6<br>CLUSTER BLOCK HSG 66 0023 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|





TE Part #1740533-2  
AMP DUOPLUG POW CONN .2POS  
W.PCB LOCKING



TE Part #4-1534415-3  
DUOPL POW FEM CON 3P



TE Part #1-284931-6  
DUOPLUG 2.5 FEMALE CONN., STD,  
6 POS. (S)



TE Part #2-284931-5  
DUOPLUG Standard, female conn.



TE Part #2293372-9  
AMP MONO-SHAPE PCB CONN



TE Part #284931-6  
DUOPLUG 2.5 FEMALE CONN., STD,  
6 POS. (S)

Documents

Product Drawings

AMP DUOPLUG MARK II CONNECTOR 4 POS. KEY

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1534796-4\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1534796-4\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1534796-4\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

RAST Connector System Catalog

English

1654742\_HOUSEHOLD\_APPLIANCES\_RAST2.5

English

Product Specifications

Application Specification

English





Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English