



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**  
Connector & Housing Type: **Receptacle**  
Mating Alignment: **With**  
Mating Alignment Type: **Keyed**  
Mating Retention: **With**

Features

Product Type Features

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

Configuration Features

|                            |     |
|----------------------------|-----|
| Contacts Preloaded         | Yes |
| Number of Columns          | 3   |
| Number of Loaded Positions | 3   |
| Number of Positions        | 3   |
| Number of Rows             | 1   |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features



|                                      |         |
|--------------------------------------|---------|
| Contact Layout                       | Inline  |
| Contact Mating Area Plating Material | Silver  |
| Contact Retention Within Housing     | Without |
| Contact Current Rating (Max)         | 16 A    |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment        | With                       |
| Mating Alignment Type   | Keyed                      |
| Mating Retention        | With                       |
| Mating Retention Type   | Locking Latch              |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Polyamide     |
| Housing Color      | Natural       |
| Centerline (Pitch) | 5 mm[.196 in] |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Shielded            | No    |
| Circuit Application | Power |

Industry Standards

|   |           |
|---|-----------|
| Glow Wire Rating                          | Glow Wire |
| Compatible With Agency/Standards Products | UL        |
| UL Flammability Rating                    | UL 94V-2  |

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 2024  
(241)  
Candidate List Declared Against: JUNE  
2024 (241)  
Does not contain REACH SVHC

|                           |  |
|---------------------------|--|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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 # 1534073-3  
MULTIFIT MK2 ASSY3P

TE Part # 2407717-3  
Multifitting Mk2 assy V0 3P,16A

Also in the Series | RAST 5 IDC Connectors

Automotive Terminals(8)

Connector Contacts(14)

Crimp Terminal Housings(39)

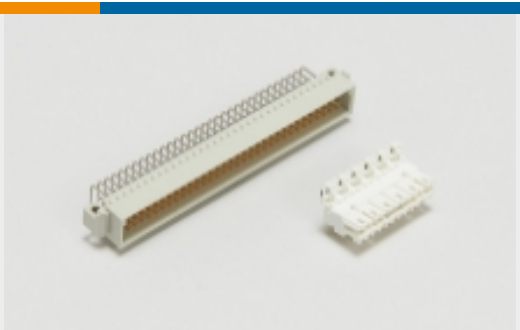
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(32)



Standard Rectangular Connectors(63)

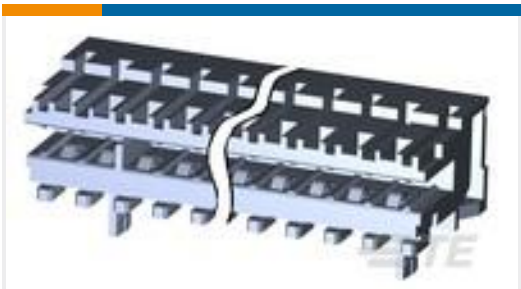


Wire-to-Board Connector Assemblies  
& Housings(202)

Customers Also Bought



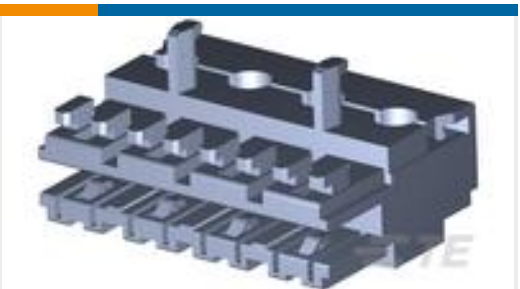
TE Part #3-1534798-9  
AMP DUOPLUG MARK II  
CONNECTOR3-20P SELEC



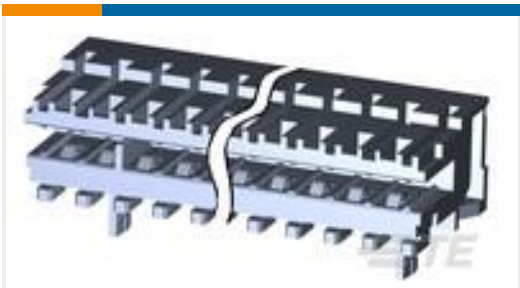
TE Part #3-1534796-4  
AMP DUOPLUG MK2 CONNECTOR  
4P S



TE Part #3-293041-2  
FASTIN FASTON 250 TAB 0.35-1.00  
MM2 PTPBR



TE Part #1534415-4  
DUOPL POW FEM CON4P



TE Part #3-1534796-8  
AMP DUOPLUG MK2 CONNECTOR 8P



TE Part #2-964338-2  
MAG MATE CONTACT MK II



TE Part #3-1534798-5  
AMP DUOPLUG MK2 CONNECTOR  
5P SELECTIVE



TE Part #3-1534799-1  
AMP DUOPLUG MK2 CONNECTOR  
11P SELECTIVE

Documents

Product Drawings

MULTIFIT MK2 ASSY3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2178661-3\_K.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2178661-3\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2178661-3\\_K.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

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Agency Approvals

[UL Report](#)

English