

2178661-2 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

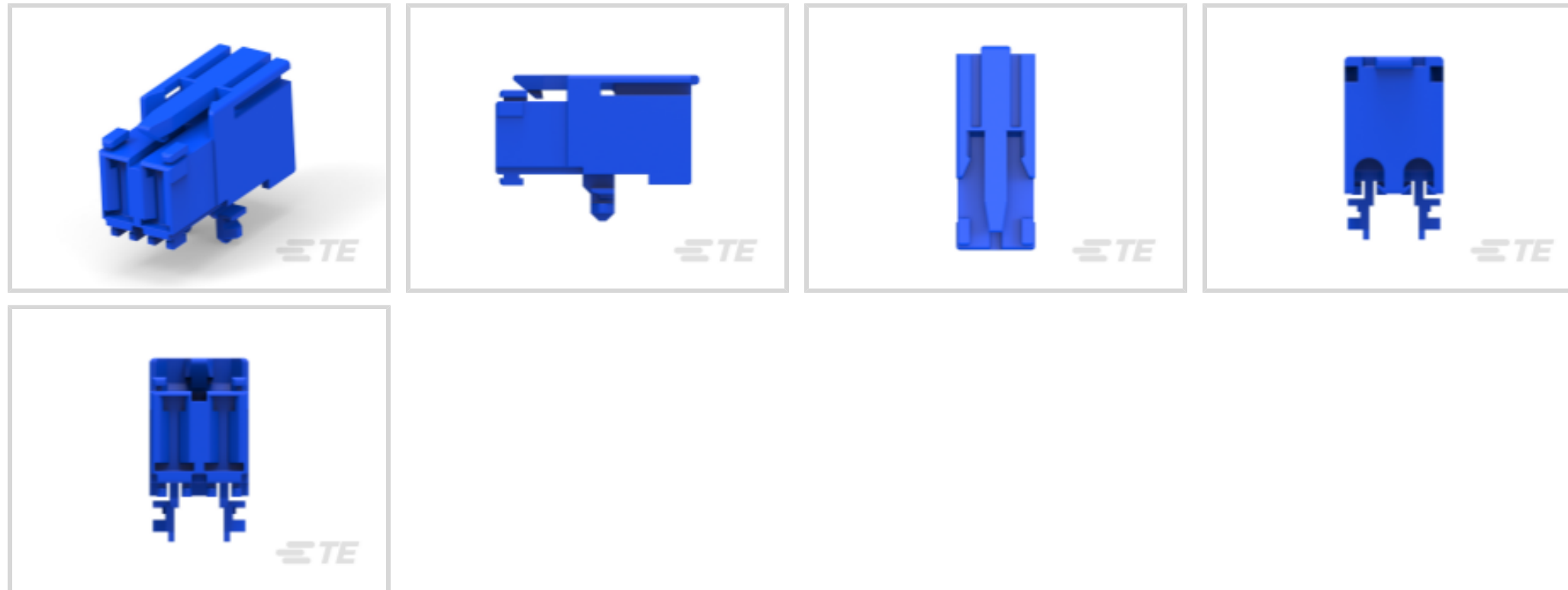
TE Internal #: 2178661-2

Standard Rectangular Connectors, Connector Assembly,  
Receptacle, Mating Alignment, Keyed Mating Alignment Type,  
RAST 5 IDC Connectors

[View on TE.com >](#)



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          | 2   |
| Number of Loaded Positions | 2   |
| Number of Positions        | 2   |
| 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 |
| Agency/Standard        | 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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

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

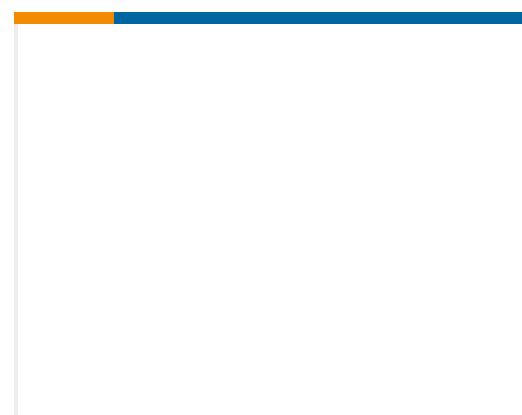
Product Compliance Disclaimer

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

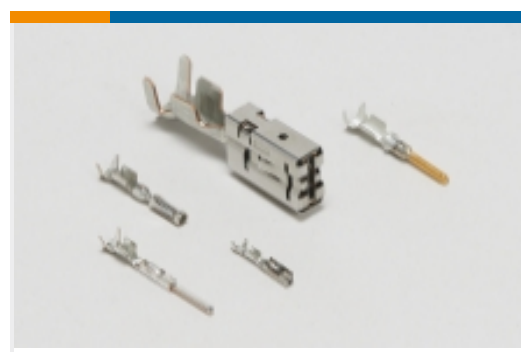


TE Part # 1534073-2  
MULTIFIT MK2 ASSY2P

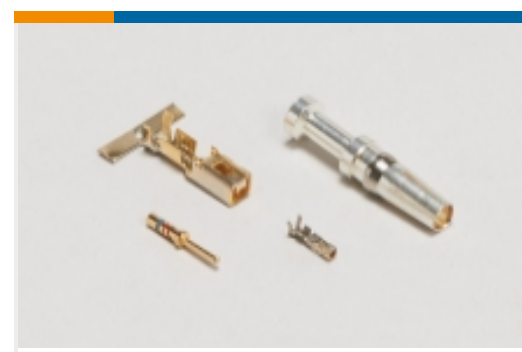


TE Part # 2407717-2  
Multifitting Mk2 assy 2P,16A


## Also in the Series | RAST 5 IDC Connectors




Automotive Terminals(8)



Connector Contacts(12)



Crimp Terminal Housings(41)



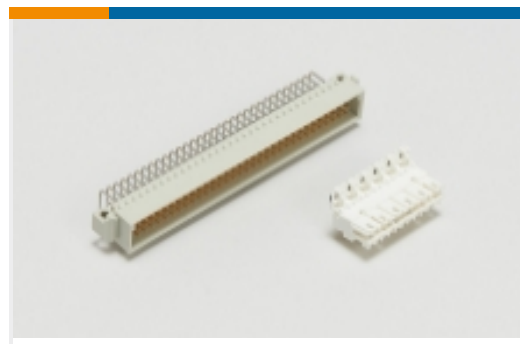
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(34)



Standard Rectangular Connectors(68)



Wire-to-Board Connector Assemblies & Housings(214)



Wire-to-Board Connector Contacts(2)

## Customers Also Bought



TE Part #964203-5  
STD PW TIMER CONTACT



TE Part #1376477-4  
2.5MM PITCH SIGNAL MATE CONN



TE Part #2151072-2  
OCEAN\_2.0\_APPLICATOR-S-055F108FA



TE Part #2151915-2  
OCEAN\_2.0\_Applicator-S-100F200F



TE Part #2178600-2  
STD TIMER HOUSING 2POS



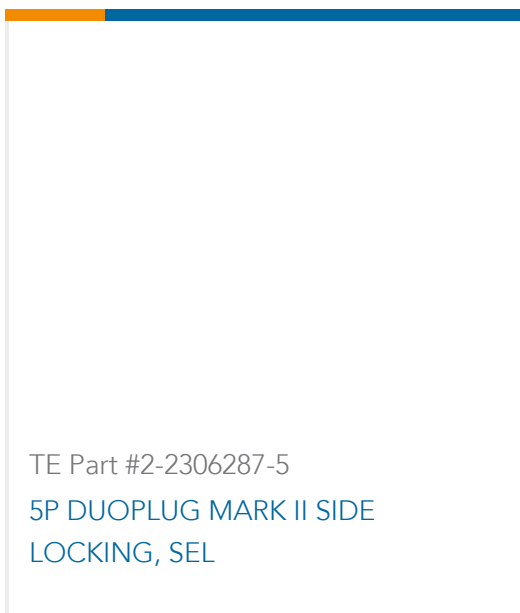
TE Part #2315717-6  
STD TIMER PLUG HSG 3P MKII



TE Part #7-1803187-0  
INSULATION CRIMPER



TE Part #1-2306287-7  
7P DUOPLUG MARK II SIDE LOCKING, SEL



TE Part #2-2306287-5  
5P DUOPLUG MARK II SIDE LOCKING, SEL

## Documents



### Product Drawings

#### MULTIFIT MK2 ASSY2P

English

---

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2178661-2\\_K.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2178661-2\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2178661-2\\_K.3d\\_stp.zip](#)

English

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

---

### Product Specifications

#### Application Specification

English

#### Application Specification

English

---

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English