



RAST

TE Internal #: 1534415-2

Wire-to-Board, 2 Position, 5 mm [.197 in] Centerline, Insulation

Displacement (IDC), 1 Row, Natural, PA 6, Standard Edge

Connectors

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



Connector System: **Wire-to-Board**  
Number of Positions: **2**  
Centerline (Pitch): **5 mm [.197 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 | 2             |
| Compatible With Wire & Cable Type       | Discrete Wire |
| Number of Positions                     | 2             |
| Number of Rows                          | 1             |
| Connector Contact Load Condition        | Fully Loaded  |
| PCB Mount Orientation                   | Right Angle   |

Electrical Characteristics

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

Body Features



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

Contact Features

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| Contact Retention Within Housing               | With                            |
| Contact Mating Area Plating Material Thickness | 3 – 6 µm[196.849 – 787.399 µin] |
| Contact Mating Area Plating Material           | Tin (Sn)                        |
| Contact Base Material                          | Copper Nickel Silicon           |
| PCB Contact Termination Area Plating Material  | Tin                             |
| Contact Type                                   | Socket                          |
| Contact Current Rating (Max)                   | 6 A                             |

Termination Features

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

Mechanical Attachment

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

Housing Features

|                             |               |
|-----------------------------|---------------|
| Housing Entry Configuration | One End Open  |
| Centerline (Pitch)          | 5 mm[.197 in] |
| Housing Material            | PA 6          |

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Compatible Insulation Diameter Range | 2.2 mm[.087 in] |
| PCB Thickness (Recommended)          | 1.5 mm[.059 in] |
| Connector Height                     | 7.3 mm[.287 in] |
| Wire Size                            | 22 – 20 AWG     |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|



Industry Standards

|                                           |                           |
|-------------------------------------------|---------------------------|
| Compatible With Agency/Standards Products | UL                        |
| UL Flammability Rating                    | UL 94V-2                  |
| Glow Wire Rating                          | GWT 750°C (Without Flame) |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 3850 |
| Packaging Method   | Tray |

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                               | 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





TE Part # 2-2370536-2  
2P DUOPLUG POWER  
rearcode+wirebend

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

TE Part # 1-1534415-3  
DUOPL POW FEM CON3P

TE Part # 1534415-4  
DUOPL POW FEM CON4P

TE Part # 1534415-6  
DUOPL POW FEM CON6P

TE Part # 2-1534415-3  
DUOPL POW FEM CON3P

TE Part # 2-1534415-2  
DUOPL POW FEM CON2P

TE Part # 1394918-7  
DUOPLG5.0 BU-STE 7P

TE Part # 3-1534415-2  
DUOPL POW FEM CON2P

TE Part # 1394918-6  
DUOPLG5.0 BU-STE 6P

TE Part # 1-1534415-2  
DUOPL POW FEM CON2P

TE Part # 1534415-8  
DUOPL POW FEM CON8P

TE Part # 1534415-5  
DUOPL POW FEM CON5P

TE Part # 1534415-7  
DUOPL POW FEM CON7P

TE Part # 2388178-2  
DUOPLUG POW CONN 2P GW-V0

TE Part # 2370536-2  
2P DUOPLUG POWER  
rearcode+wirebend



TE Part # 1-2370536-2

2P DUOPLUG POWER

rearcode+wirebend

TE Part # 1394918-2

DUOPLG5.0 BU-STE 2P

TE Part # 1-1740533-2

AMP DUOPLUG POW CONN .2POS

W.PCB LOCKING

Customers Also Bought

TE Part #1534415-5

DUOPL POW FEM CON5P

TE Part #8-1534798-6

AMP DUOPLUG MARK II CONNEC.

SEL

TE Part #3-1534796-5

AMP DUOPLUG MK2 CONNECTOR 5P

TE Part #3-1534798-5

AMP DUOPLUG MK2 CONNECTOR

5P SELECTIVE

TE Part #1534415-4

DUOPL POW FEM CON4P

TE Part #1534072-2

MULTIF.ASSY MK2 2POS,AR

TE Part #3-1534796-8

AMP DUOPLUG MK2 CONNECTOR 8P

TE Part #1-1241964-1

11POS STANDARD TIMER HOUSING

TE Part #3-1534796-7

AMP DUOPLUG MK2 CONNECTOR 7P

TE Part #3-1534796-3

AMP DUOPLUG MK2 CONNECTOR 3P

Documents

Product Drawings

DUOPL POW FEM CON2P

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1534415-2\_D.2d\_dxf.zip

English

3D PDF





3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1534415-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1534415-2\\_D.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

Product Specifications

[Application Specification](#)

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Agency Approvals

[VDE Certificate](#)

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