



RAST

TE Internal #: 1394918-2
Wire-to-Board, 2 Position, 5 mm [.197 in] Centerline, Insulation Displacement (IDC), 1 Row, Gray, PA 6.6, Fully Loaded, 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 | Gray |
|-----------------------|------|

Contact Features

| | |
|--|---------------------------------|
| Contact Retention Within Housing | With |
| Contact Mating Area Plating Material Thickness | 3 – 6 µm[196.849 – 472.439 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 | Without |
| PCB Mount Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|-----------------------------|----------------|
| Housing Entry Configuration | Both Ends Open |
| Centerline (Pitch) | 5 mm[.197 in] |
| Housing Material | PA 6.6 |

Dimensions

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.2 – 1.4 mm[.047 – .055 in] |
| PCB Thickness (Recommended) | 1.5 mm[.059 in] |
| Connector Height | 7.3 mm[.287 in] |
| Wire Size | 22 – 20 AWG |

Usage Conditions

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|-----------------------------|----------------------------|
| 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-0 |

Packaging Features

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

Product Compliance

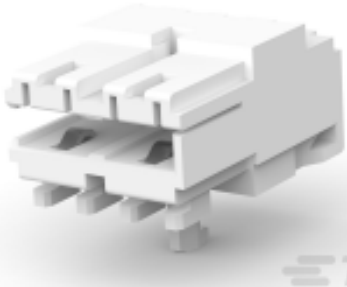
For compliance documentation, visit the product page on [TE.com](#)>

| | |
|---|---|
| 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) Candidate List Declared Against: JAN 2025 (247) 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 # 2-1534415-2
DUOPL POW FEM CON2P



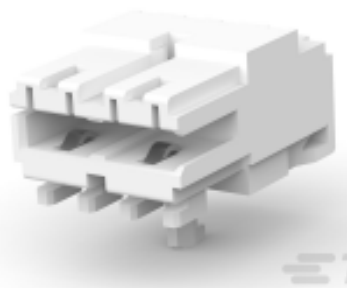
TE Part # 1394918-7
DUOPLG5.0 BU-STE 7P



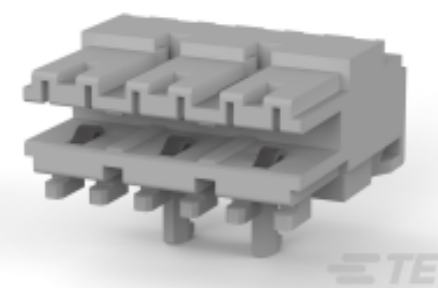
TE Part # 3-1534415-2
DUOPL POW FEM CON2P



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



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




TE Part # 1394918-3
DUOPLG5.0 BU-STE 3P



TE Part # 1534415-2
DUOPL POW FEM CON2P

Customers Also Bought



TE Part #1-1740533-3
AMP DUOPLUG POW CONNECTOR



TE Part #DT04-12PA-LE10
REC, 12P, BLK, N, CAP, FLANGE, A



TE Part #896345-000
101A041-3/86-0



TE Part #1534415-2
DUOPL POW FEM CON2P



TE Part #1534415-5
DUOPL POW FEM CON5P



TE Part #2-1241961-7
STD TIM HOUSING MKII 3POS



TE Part #HDP24-24-35PE-L015
REC, 35P, BLK, E, THD, 16/20, P



TE Part #41711
RING TERMINAL 22-18 AWG TPBR



TE Part #T4171010405-001
M12,REAR MOUNTING,MALE,B,5P,0.2 M WIRE



TE Part #1534415-6
DUOPL POW FEM CON6P

Documents



Product Drawings

DUOPLG5.0 BU-STE 2P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1394918-2_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1394918-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1394918-2_F.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

English

Agency Approvals

VDE Certificate

English