



RAST

TE Internal #: 2-1394918-2

Standard Edge Connectors, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Gray, PA 6.6, Fully Loaded

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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
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Body Features



Keying Between Cavity Locations	R2.5 / PR-2-
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Primary Product Color	Gray
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Contact Features

Contact Retention Within Housing	With
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Contact Type	Socket
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Contact Mating Area Plating Material Thickness	3 – 6 μm[196.849 – 472.439 μin]
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Contact Mating Area Plating Material	Tin
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Copper Nickel Silicon
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Contact Current Rating (Max)	6 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

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

Connector Height	7.3 mm[.287 in]
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PCB Thickness (Recommended)	1.5 mm[.059 in]
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Compatible Insulation Diameter Range	2.2 mm[.087 in]
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Wire Size	.35 – .5 mm²
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Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application



Circuit Application	Power
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Industry Standards

Agency/Standard	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>

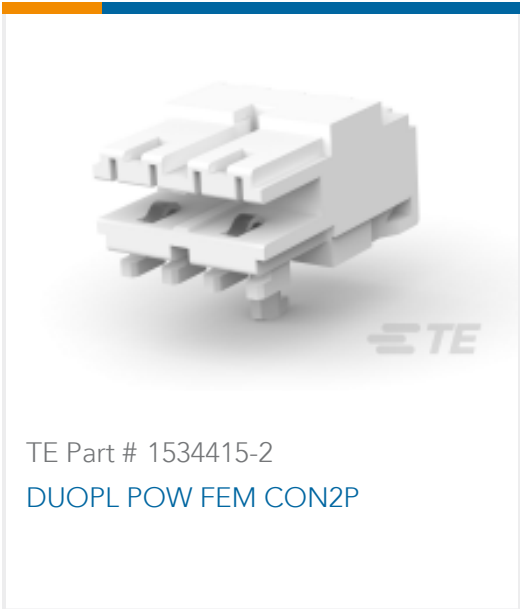
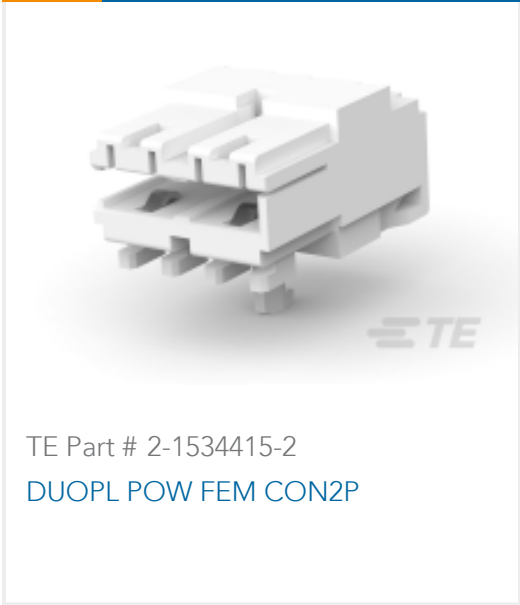
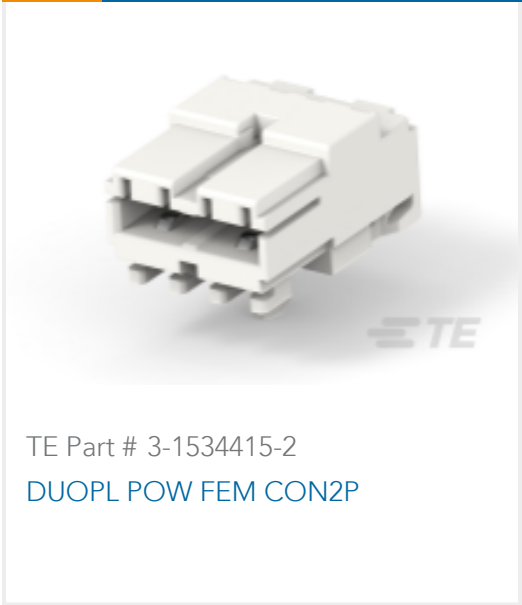
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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



 <p>TE Part # 1534415-2 DUOPL POW FEM CON2P</p>	 <p>TE Part # 1394918-2 DUOPLG5.0 BU-STE 2P</p>	 <p>TE Part # 1394918-3 DUOPLG5.0 BU-STE 3P</p>	 <p>TE Part # 1394918-4 DUOPLG5.0 BU-STE 4P</p>
 <p>TE Part # 1394918-5 DUOPLG5.0 BU-STE 5P</p>	 <p>TE Part # 1394918-6 DUOPLG5.0 BU-STE 6P</p>	 <p>TE Part # 1-1534415-2 DUOPL POW FEM CON2P</p>	 <p>TE Part # 1394918-7 DUOPLG5.0 BU-STE 7P</p>
 <p>TE Part # 2-1534415-2 DUOPL POW FEM CON2P</p>	 <p>TE Part # 3-1534415-2 DUOPL POW FEM CON2P</p>		

Customers Also Bought

 <p>TE Part #6437288-1 SUPERSEAL Connector Headers: 1.0 mm</p>	 <p>TE Part #1393240-7 RT314730</p>	 <p>TE Part #8-1625892-2 3W SM M/OX 5% 270K</p>	 <p>TE Part #1534415-4 DUOPL POW FEM CON4P</p>
 <p>TE Part #1-1534415-3 DUOPL POW FEM CON3P</p>	 <p>TE Part #1-282003-1 MONO-SHAPE TAB CONN 3P. ASSY</p>	 <p>TE Part #1740533-9 AMP DUOPLUG POW CONN. 9POS W.PCB LOCKING</p>	

Documents



Product Drawings

DUOPLG5.0 BU-STE 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1394918-2\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1394918-2\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1394918-2\_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

Product Environmental Compliance

Product Compliance

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Product Compliance

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