



RAST

TE Internal #: 1-1534415-3

Wire-to-Board, 3 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: **3**
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	3
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	3
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



Primary Product Color	Natural
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Contact Features

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

Termination Features

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

Mating Alignment Type	Keyed
Mating Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	With
PCB Mount Retention	Without
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

Connector Height	7.3 mm[.287 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Wire Size	.35 – .5 mm²

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

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

Packaging Features

Packaging Quantity	12472
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

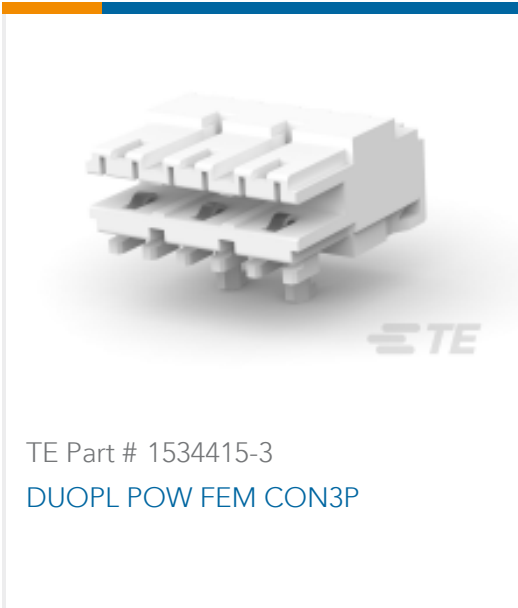
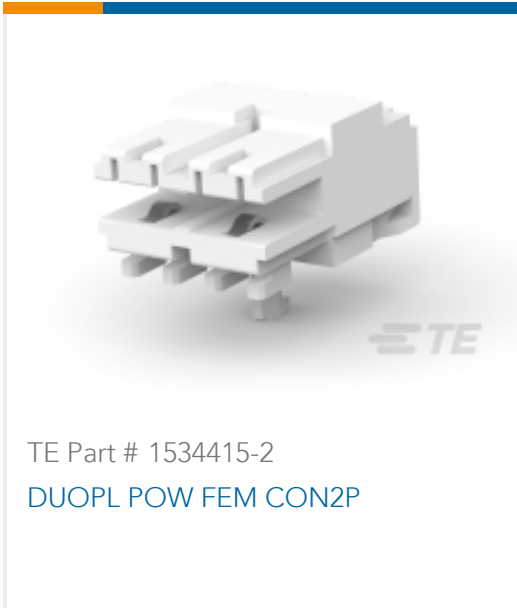
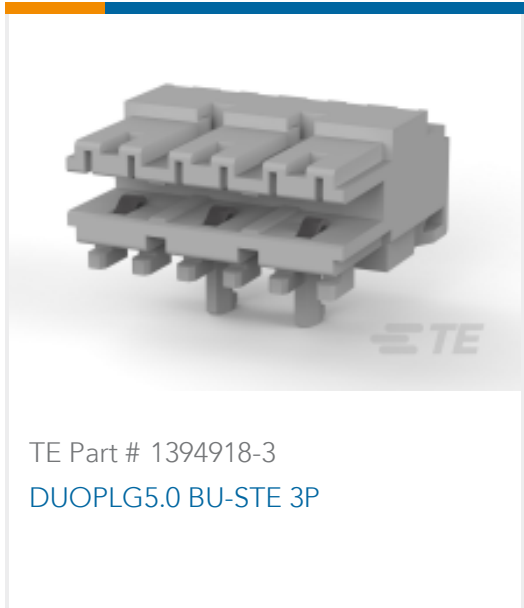
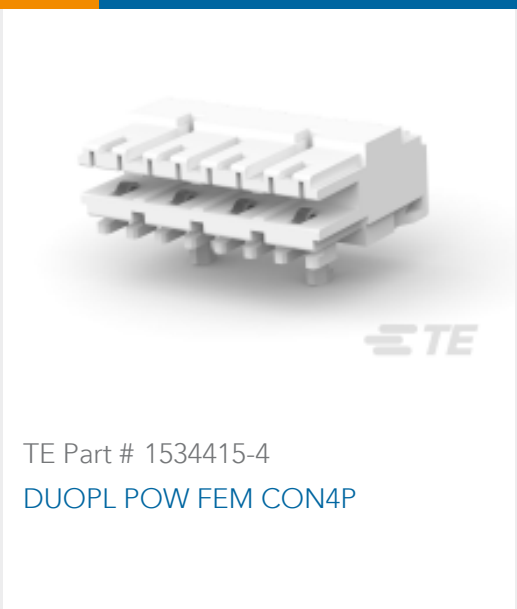
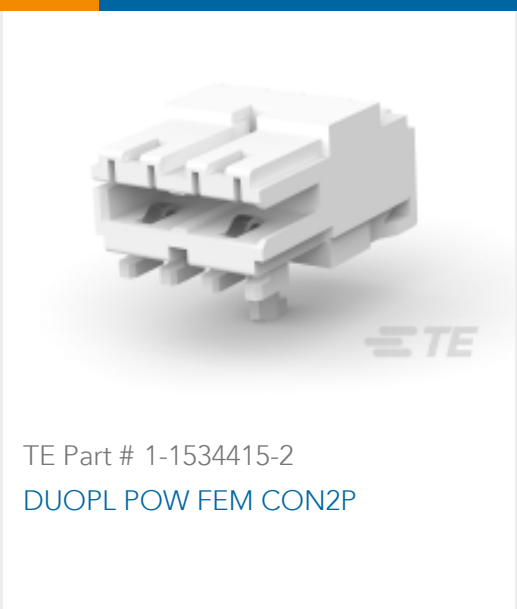
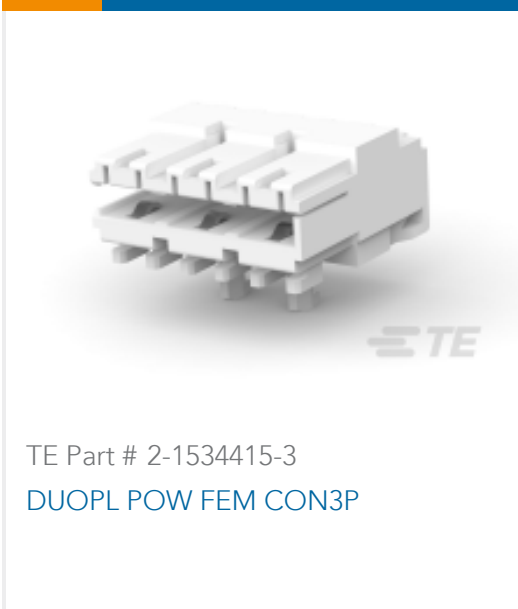
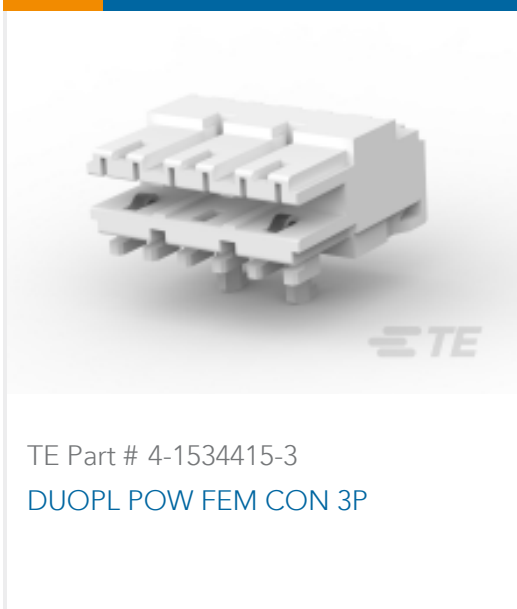
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not 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 # 1534415-6 DUOPL POW FEM CON6P	 TE Part # 1534415-3 DUOPL POW FEM CON3P	 TE Part # 1534415-2 DUOPL POW FEM CON2P	 TE Part # 1394918-3 DUOPLG5.0 BU-STE 3P
 TE Part # 1534415-4 DUOPL POW FEM CON4P	 TE Part # 1534415-5 DUOPL POW FEM CON5P	 TE Part # 1534415-7 DUOPL POW FEM CON7P	 TE Part # 1534415-8 DUOPL POW FEM CON8P
 TE Part # 1-1534415-2 DUOPL POW FEM CON2P	 TE Part # 2-1534415-3 DUOPL POW FEM CON3P	 TE Part # 4-1534415-3 DUOPL POW FEM CON 3P	 TE Part # 6-1740533-3 DUOPL POW FEM CON3P
 TE Part # 7-1534415-3 DUOPL POW FEM CON3P			

Customers Also Bought

 TE Part #5-1971775-3 PTL 2X3 CAP PANEL MT HIGH TEMP KEY A LGR	 TE Part #1971778-3 PTL TPA HIGH TEMP 2 x 3 BLACK	 TE Part #179839-1 AMP POWER D/LOCK T/HDR ASSY 3P	 TE Part #1971784-2 PTL TAB CONTACT, 16-19 AWG, 2X22 AWG
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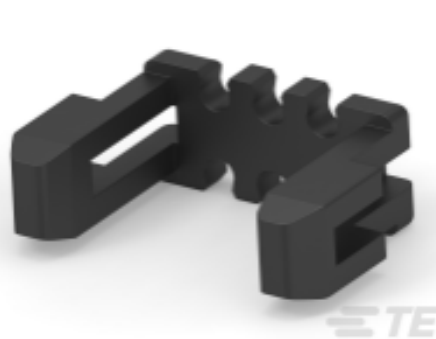




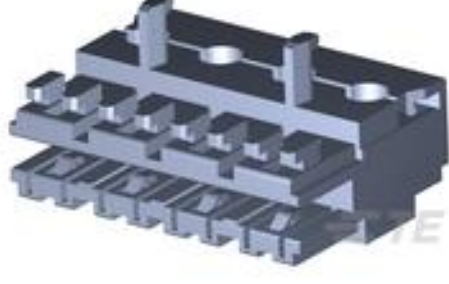
TE Part #1-1644055-2
UMNL 6 WAY PLUG HOUSING



TE Part #175149-2
AMP UNIVE. POWER CONN TAB
CONT



TE Part #144684-1
COVER MODU IV 2X3 POS.



TE Part #1534415-4
DUOPL POW FEM CON4P

TE Part #1SNA094308R0700
CPFT2/8

Documents

Product Drawings

DUOPL POW FEM CON3P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1534415-3_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1534415-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1534415-3_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

English

Agency Approvals

VDE Certificate

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English

[VDE Certificate](#)

English