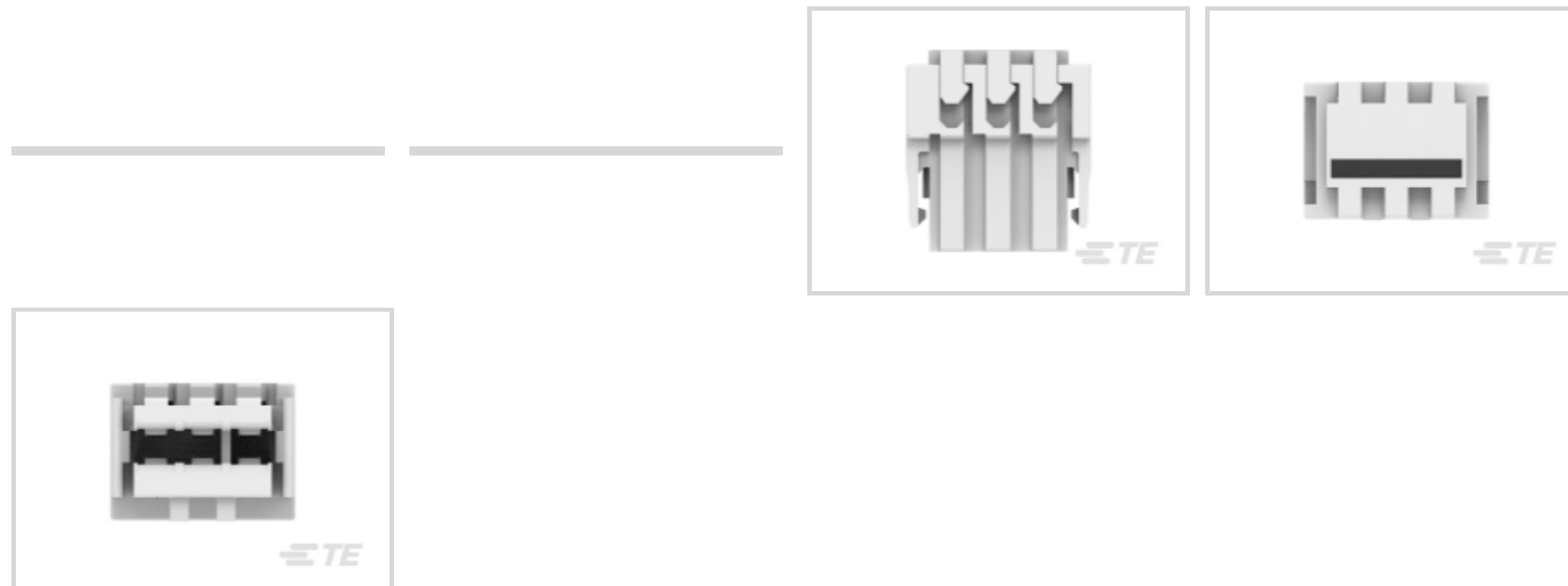


[Connectors](#) > [PCB Connectors](#) > [Card Edge Connectors](#) > [Standard Edge Connectors](#)Connector System: **Wire-to-Board**Number of Positions: **3**Centerline (Pitch): **2.5 mm [.098 in]**Termination Method to Wire & Cable: **Insulation Displacement (IDC)**Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	63 VAC
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Packaging Features

Packaging Quantity	448
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Packaging Method	Tray
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Dimensions

Card Slot Depth	5 mm [.2 in]
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Compatible Insulation Diameter Range	1.3 – 2.1 mm [.05 – .08 in]
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PCB Thickness (Recommended)	1.5 mm [.059 in]
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Connector Height	7.35 mm [.29 in]
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Wire Size	24 – 22 AWG
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Mechanical Attachment

PCB Mount Retention	With
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Mating Retention	With
------------------	------

Mating Alignment Type	Keyed
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Mating Alignment	With
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PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Contact Features

Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	4 – 10 µm
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	2 A

Body Features

Keying Between Cavity Locations	2&3
Primary Product Color	Gray

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBT GF

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

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Operation/Application

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	GWEPT 750°C (Without Flame)
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

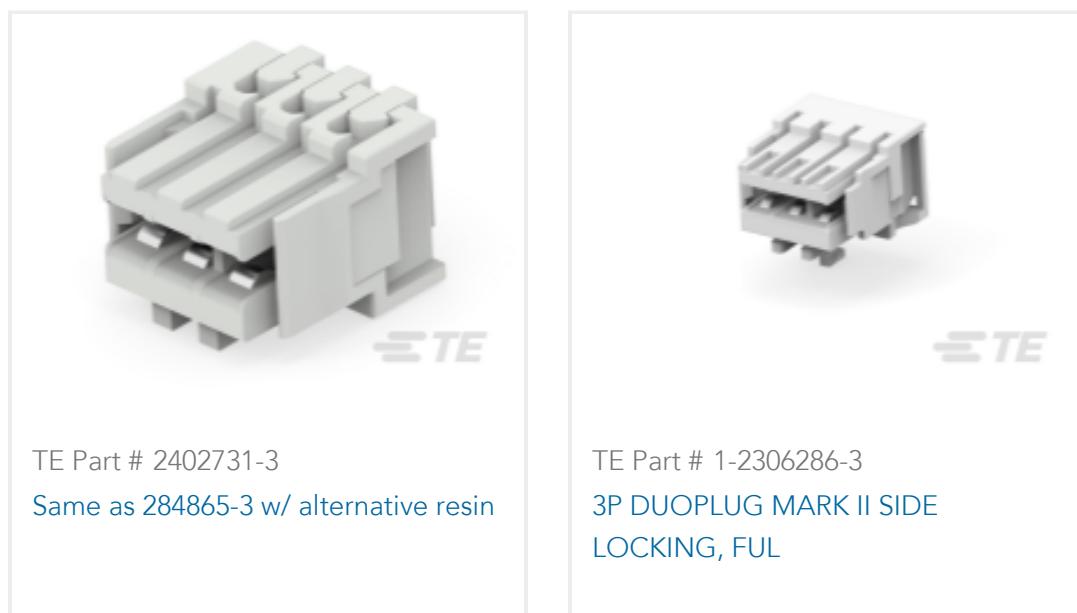
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) 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 # 2402731-3
Same as 284865-3 w/ alternative resin

TE Part # 1-2306286-3
3P DUOPLUG MARK II SIDE
LOCKING, FUL

Customers Also Bought



TE Part #1971782-1
PTL TAB CONTACT, 14 AWG



TE Part #1-1971772-7
PTL 1X5 CAP PANEL MT STD TEMP
KEY A NAT



TE Part #1969614-4
4P RCPT VAL-U-LOK V0



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



TE Part #2-1744036-6
06P ECONOMY POWER .200 CL HSG



TE Part #1742543-1
250 FASTON,FLAG,REC.,18-12 AWG,
NPST



TE Part #3-1534798-3
AMP DUOPLUG MK2 CONNECTOR
3P SELECTIVE



TE Part #1969106-2
ULTRA-POD 187 ASSY REC 22-16
AWG TPBR



TE Part #521229-1
PL 250 HOUSING RECEPTACLE
NYLON 6/6



TE Part #521284-1
ULTRA-POD 187 ASSY REC 20-16
AWG BR

Documents

Product Drawings

[DUOPLUG side lock., female con](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_284865-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284865-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284865-3_B.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

[Agency Approval Document](#)

English