3-829868-3 ✔ ACTIVE

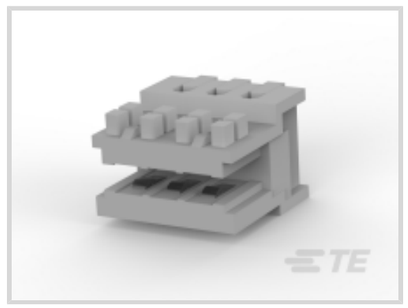
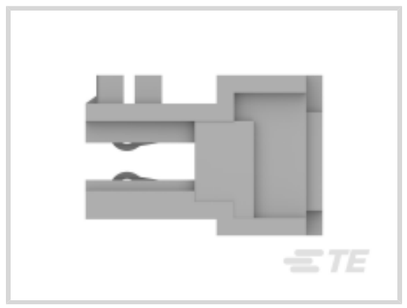
RAST

TE Internal #: 3-829868-3

Standard Edge Connectors, Wire-to-Board, 3 Position, .098 in [2.5 mm] Centerline, Insulation Displacement (IDC), 1 Row, Gray, PBTP, Fully Loaded

View on TE.com >

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

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	63 VAC

Body Features

Primary Product Color	Gray

Contact Features

Contact Retention Within Housing	With
Contact Type	Socket
Contact Mating Area Plating Material Thickness	5 - 12 µm
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Tin Alloy
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Open
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBTP

Dimensions

Card Slot Depth	5 mm
Connector Height	7.35 mm[.29 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.2 - 1.4 mm[.047 - .055 in]
Wire Size	.22 - .25 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	4480
Packaging Method	Carton

Product Compliance

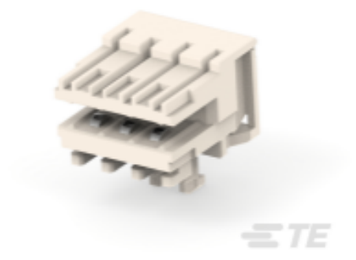
For compliance documentation, visit the product page on TE.com>

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 2024 (240) 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

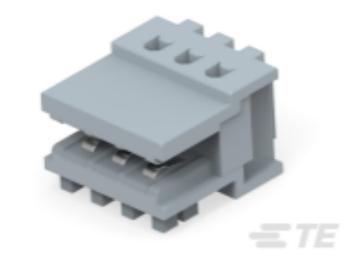
Compatible Parts



TE Part # 1-2304525-3
3P DUOPLUG MK II



TE Part # 2312430-3
16X 3P FEDERLEI 2,5



TE Part # 3-2403112-3
Same as 3-829868-3 w/ alternative resin

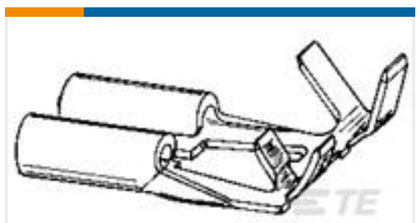
Customers Also Bought



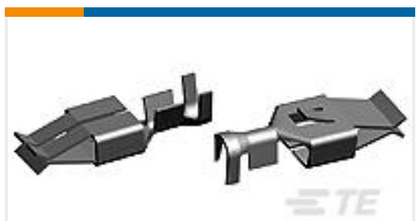
TE Part # 4-1393659-7
V42254B1202R963=PC612 MESSERLE



TE Part # 1-640723-0
12P UMNL STR/REL & INSRT NATL



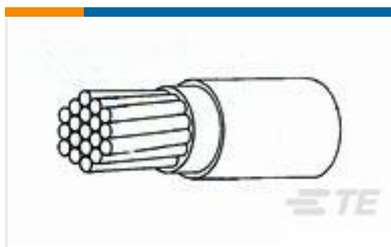
TE Part # 180453-2
FF 312 REC 1-2.5MM2 TPBR



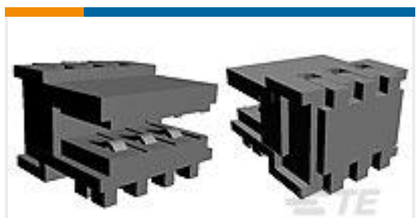
TE Part # 926965-1
STC REC 6.3 Contact SRC Sn



TE Part # 3-568176-7
CRIMPER, WIRE



TE Part # 2810113006
44/7031-24-0



TE Part # 3-966480-3
DUOPLUG2,5BUST16X3P



TE Part # 1534072-2
MULTIF.ASSY MK2 2POS,AR



TE Part # 926770-1
MT.EDGE CRIMP CONT.

TE Part # 2071452-2
RZ03-1A4-D009-R0001 (TES)

Documents

Product Drawings

16X 3P FEDERLEI 2,5

English

CAD Files

Customer View Model

ENG_CVM_3-829868-3_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_3-829868-3_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_3-829868-3_C1.3d_stp.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-829868-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-829868-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-829868-3_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English