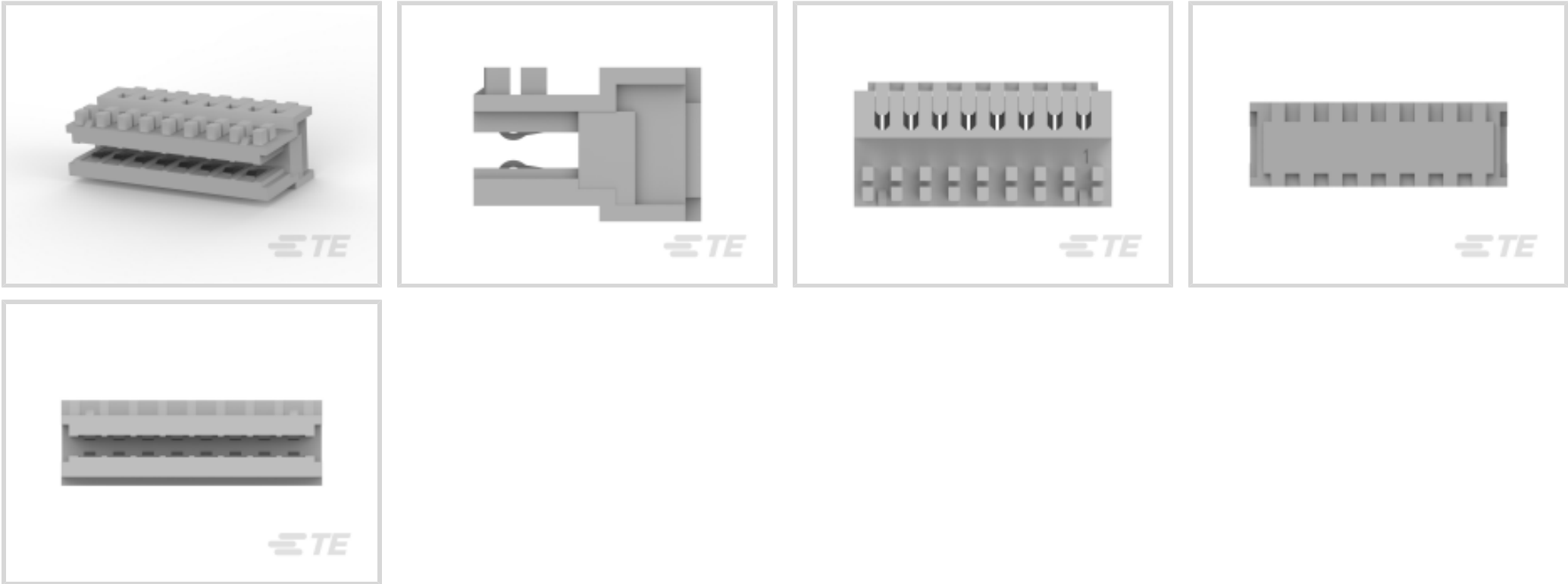




Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Wire-to-Board**
Number of Positions: **8**
Centerline (Pitch): **2.5 mm [.098 in]**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**
Number of Rows: **1**

Features

Industry Standards

Compatible With Agency/Standards Products	UL
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Electrical Characteristics

Operating Voltage	63 VAC
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Packaging Features

Packaging Method	Carton
Packaging Quantity	2240

Dimensions

Card Slot Depth	5 mm
PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Connector Height	7.35 mm[.29 in]
Wire Size	24 AWG

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Keyed



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

Contact Features

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

Housing Features

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

Configuration Features

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	8
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

Body Features

Primary Product Color	Gray
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Termination Features

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

Circuit Application	Signal
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Other



EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

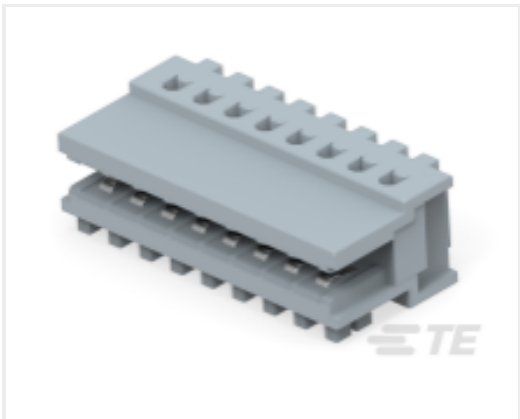
For compliance documentation, visit the product page on TE.com>

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 # 3-2403112-8
Same as 3-829868-8 w/ alternative resin



TE Part # 1-2304525-8
AMP DUOPLUG MK2 CONNECTOR 8P

Customers Also Bought



TE Part #925387-1
110 FASTON HSG. REC. 1P CLEAR

TE Part #2311775-1
AMPL PLUG, HD22, R/A, 15P, S/L

TE Part #7-2176363-4
RQ 0402 2K49 0.1% 10PPM 5K RL

TE Part #1-880488-1
FASTON 187 HOUSING RECEPTACLE

TE Part #1438031-1
2X8 SEALD HARN ASSY W/O CPA

TE Part #2-1376393-3
5MM POWER KEY 6P PLUG HSG BLUE

TE Part #2-1376387-3
5mm B-T-W Conn. 6P(2row) HDR A

TE Part #7-6474621-9
FSN-22AB-6V2

TE Part #928205-3
3P TELFIX BU-GEH

TE Part #CQ06623001
55A0111-12-9CK0001

Documents

Product Drawings
DUOPLUG 2.5 FEDERLEI 8P

English

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_3-829868-8_C1.2d_dxf.zip

English

Customer View Model
ENG_CVM_3-829868-8_C1.3d_igs.zip

English

Customer View Model
ENG_CVM_3-829868-8_C1.3d_stp.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_3-829868-8_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-829868-8_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-829868-8_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

[Agency Approval Document](#)

English