

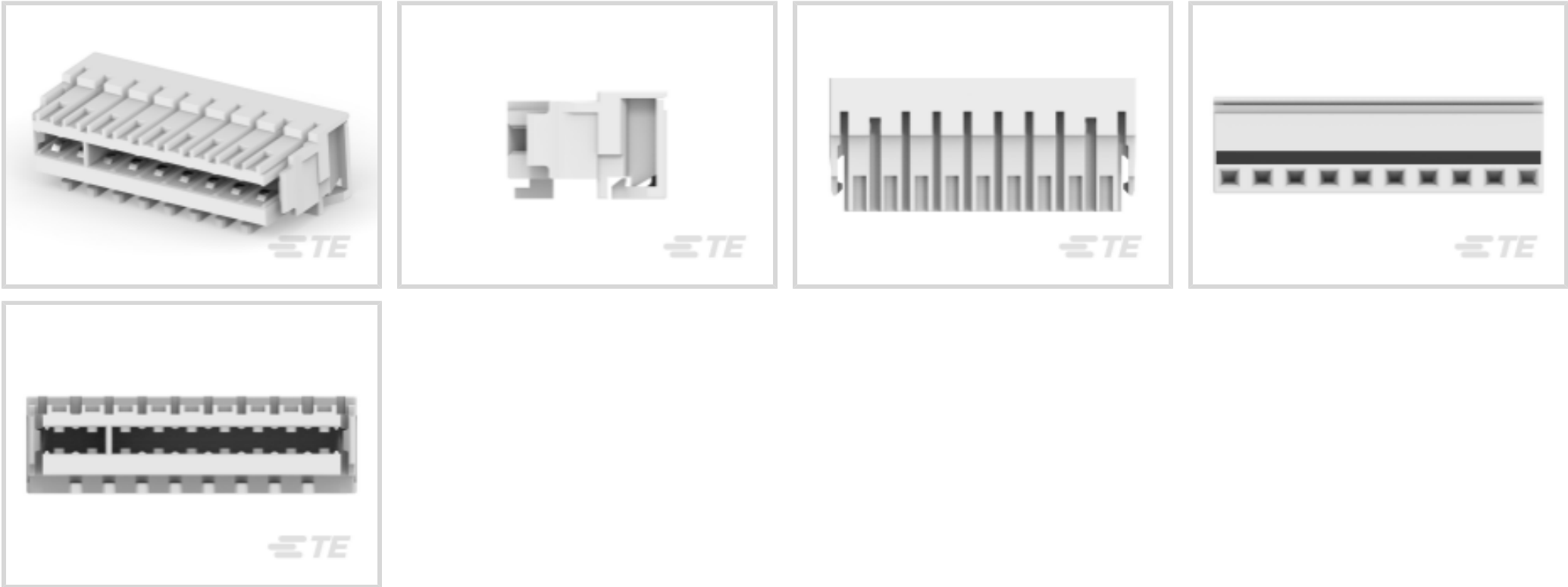


AMP DUOPLUG

TE Internal #: 2306286-9
Wire-to-Board, 9 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, Nylon GF, Standard Edge Connectors

[View on TE.com >](#)

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



Connector System: **Wire-to-Board**
Number of Positions: **9**
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

Number of Positions	9
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Edge

Electrical Characteristics

Operating Voltage	50 VAC, 250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Current Rating (Max)	2 A
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Termination Features

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

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon GF

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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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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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 5-1534796-9
AMP DUOPLUG MK2 CONNECTOR 9P

TE Part # 284865-9
Duoplug 2.5, female conn., 9 pos.

Customers Also Bought

TE Part #2-520334-2
ULTRAFast 187 ASSY FLAG REC 22-18 TPBR

TE Part #640204-1
RING .164 (4.17 MM) 22-18 AWG TPST

TE Part #1534334-1
AMP MCP 1.5K, CONTACT

TE Part #2306286-5
5P DUOPLUG MARK II SIDE LOCKING, FUL

TE Part #1-2350224-9
SGI 2.0 Plug Housing, 9 Position, Key A

TE Part #2357686-9
SGI 2.0 Crimp TPA

Documents

Product Drawings
9P DUOPLUG MARK II SIDE LOCKING, FUL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2306286-9_B.2d_dxf.zip
English
Customer View Model



[ENG_CVM_CVM_2306286-9_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2306286-9_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

[VDE Certificate](#)

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