



RAST

TE Internal #: 1-1394427-9

Standard Edge Connectors, Wire-to-Board, 9 Position, 2.5mm [.098in] Centerline, Insulation Displacement (IDC), 1 Row, Natural Housing Color, PBT

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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

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	9
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

Body Features

Connector Profile	Standard
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Contact Features

Contact Retention Within Housing	Without
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Contact Type	Socket
Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Tin
Contact Current Rating (Max)	2 A

Termination Features

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

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural
Housing Material	PBT

Dimensions

Card Slot Depth	5 mm
Connector Height	7.35 mm
PCB Thickness (Recommended)	1.5 mm[.059 in]
Accepts Wire Insulation Diameter Range	1.2 – 1.4 mm[.047 – .055 in]
Wire Size	.22 – .5 mm <sup>2</sup>

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
Packaging Quantity	280

Other

Position Locations Omitted	6
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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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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 # 3-966480-3  
DUOPLUG2,5BUST16X3P



TE Part # 1-1355180-3  
DUOPLUG2,5GEH4X 13P




TE Part # 1-1394427-3  
DUOPLUG2,5FEDLEI 3P




TE Part # 1-1394427-5  
DUOPLUG2,5FEDLEI 5P







TE Part # 1-966842-9  
DUOPLUG2,5FEDLEI 9P




TE Part # 2-966480-6  
DUOPLUG 2.5FEM.CON.3-20POS.  
DGB I,SELEC.




TE Part # 3-966480-7  
DUOPLUG2,5BUST 8X7P




TE Part # 3-966480-9  
DUOPLUG2,5BUST 7X9P



TE Part # 3-966481-1  
DUOPLUG2,5BUST6X11P



TE Part # 3-966481-3  
DUOPLUG2,5BUST5X13P



TE Part # 3-966481-9  
DUOPLUG2,5FEMALE CONNECTOR  
3X19P

Customers Also Bought



TE Part #7-2176414-0  
7W STD M/OX 5% 15K



TE Part #7-2176414-4  
7W STD M/OX 5% 22K



TE Part #282824-4  
TERMIN-BLOK HEADER,ASSY90 4P.5



TE Part #1-1355181-6  
DUOPLUG2,5GEH 6P 8X




TE Part #1SNA230002R0000  
RC55 1->10 (X10) HORIZONTAL



TE Part #1SNA230003R0100  
RC55 11->20 (X10) HORIZONTAL



TE Part #3-284932-6  
DUOPLUG MKI STD,6 POS, KEYED 4



TE Part #4-1534796-6  
AMP DUOPLUG MARK II  
CONNECTOR 3-20POS

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1394427-9\_B.2d\_dxf.zip

English
- Customer View Model

ENG\_CVM\_CVM\_1-1394427-9\_B.3d\_igs.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_1-1394427-9\\_B.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

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