

5207826-3 ✓ ACTIVE

AMPLIMITE

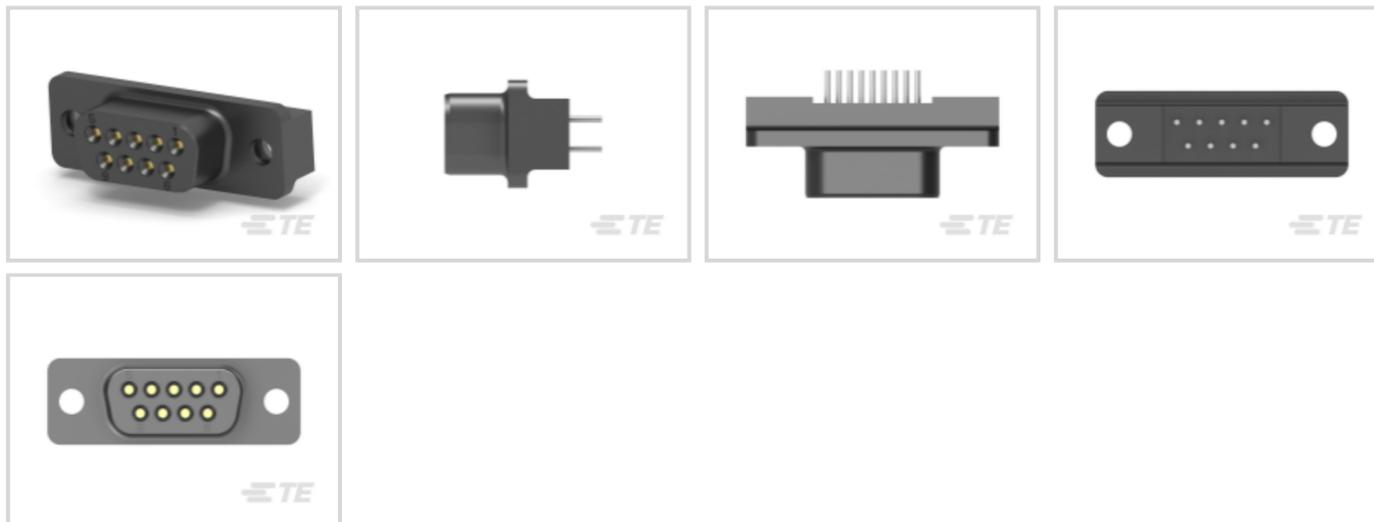
TE Internal #: 5207826-3

PCB D-Sub Connectors, Receptacle, Board-to-Board, 9 Position,
2.74 mm [.108 in] Centerline, 2 Row, Size 1, Round, Standard Profile,
Vertical

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



Connector & Housing Type: **Receptacle**

Connector System: **Board-to-Board**

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(59\)](#)

Features

Product Type Features

Grounding Indents	Without
Grounding Straps	Without
Shell Type	All Plastic
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical



Preloaded	Yes
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Body Features

Plastic	Yes
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Connector Profile	Standard
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Post Size	.66 mm[.026 in]
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Contact Features

Contact Mating Area Plating Material	Gold Flash
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Shape & Form	Round
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Contact Current Rating (Max)	6 A
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Termination Features

Grounding Clips	Without
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post Length	3.18 mm[.125 in]
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Mechanical Attachment

Panel Mount Feature	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Hole
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Mating Retention	Without
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Connector Mounting Type	Board Mount
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Mounting Hole Diameter	3.05 mm[.12 in]
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Housing Features

Centerline (Pitch)	2.74 mm[.108 in]
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Housing Material	Thermoplastic
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Housing Color	Black
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Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
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PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube
Packaging Quantity	17

Other

Comment	All receptacles are preloaded with size 20 DF posted socket contacts
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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



Documents

Product Drawings

HD-20 RCPT 9P VERT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5207826-3_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5207826-3_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5207826-3_O.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

Product Specifications

Product Specification

English

Product Environmental Compliance

[MD_5207826-3_0404201839_dmtec](#)

English

[MD_5207826-3_0404201839_dmtec](#)

English

Agency Approvals

UL Report

English

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Centerline, 2 Row, Size 1, Round, Standard Profile, Vertical

