

5747467-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HD-20

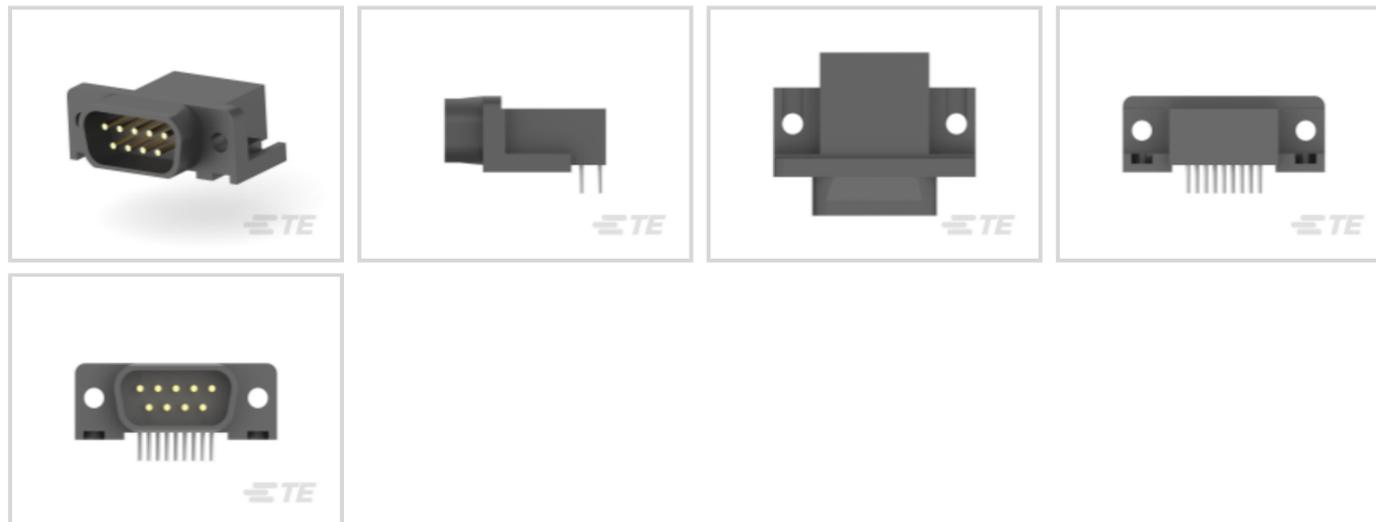
TE Internal #: 5747467-2

9 Position D-Shaped Connector, Plug, Board-to-Board, Board Mount, Shell Size 1, 2.74 mm [.108 in] Centerline, Printed Circuit Board, AMPLIMITE HD-20

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Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm



Number of Positions: 9

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: 1

[All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm \(43\)](#)

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Insert Material	Zinc
Shell Plating Material	Tin



Primary Product Color	Black
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Connector Profile	Standard
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Contact Features

	30 μ m
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Contact Underplating Material	Nickel
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Contact Mating Area Plating Material	Gold (Au)
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Contact Base Material	Brass
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PCB Contact Termination Area Plating Material	Tin
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Contact Shape & Form	Round
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Contact Current Rating (Max)	6 A
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Contact Options	Installed
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Termination Features

Termination Post & Tail Diameter	.66 mm[.026 in]
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Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.18 mm[.125 in]
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Mechanical Attachment

Mounting Hole Diameter	3.18 mm[.125 in]
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Connector Mounting Type	Board Mount
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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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Housing Features

Housing Material	Nylon GF, Polyester GF
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Shell Material	Steel
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Centerline (Pitch)	2.74 mm[.108 in]
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Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
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Row-to-Row Spacing	2.84 mm[.112 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 Quantity	140
Packaging Method	Package

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	有害物质含量符合标准要求 No Restricted Substance(s) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



Also in the Series | **AMPLIMITE HD-20**



Customers Also Bought





Documents

Product Drawings

[HD-20 PLUG 9P RA 590](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5747467-2_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5747467-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5747467-2_B.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 - Right-Angle Posted Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English