5205735-7 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HD-20

TE Internal #: 5205735-7

Plug, Board-to-Board, 15 Position, 2.74 mm [.108 in] Centerline, 2 Row, 2 Connector Shell Size, Square, AMPLIMITE HD-20, PCB D-Sub Connectors
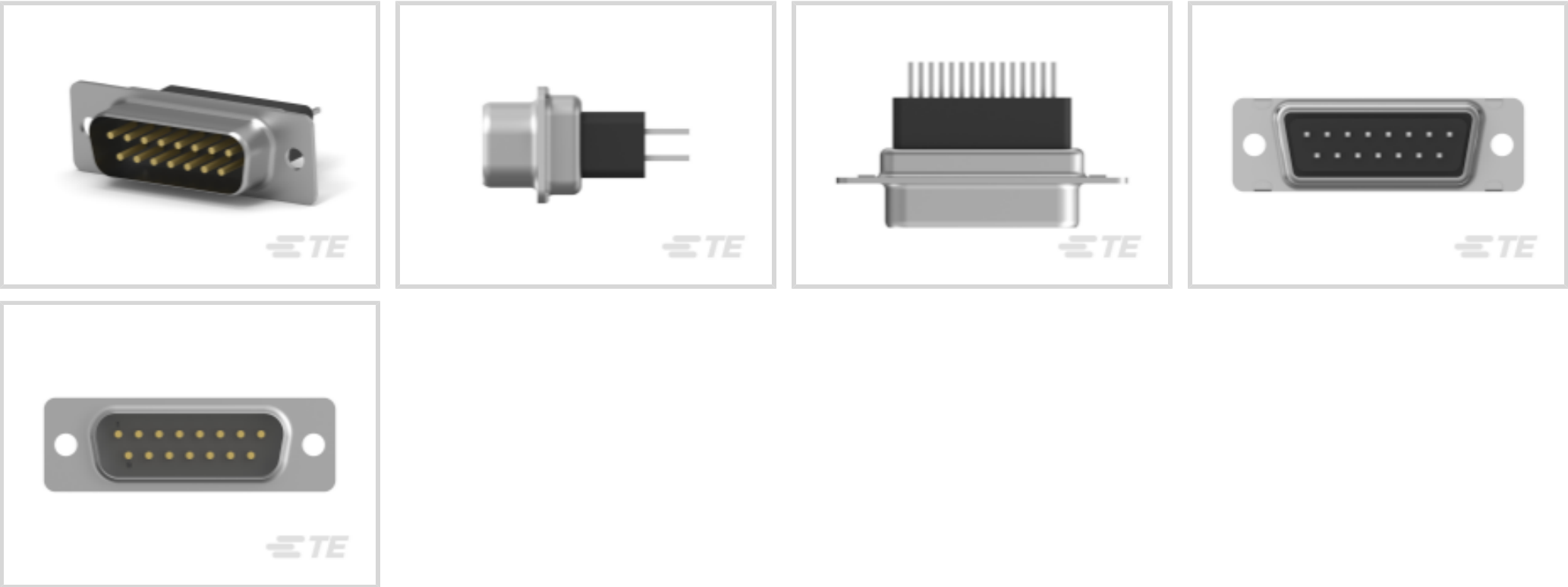
View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm

Connector & Housing Type: **Plug**

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

Number of Positions: **15**

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

Number of Rows: **2**

All D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm (27)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	2
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Zinc
Primary Product Color	Black

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Connector Profile	Standard

Contact Features

Contact Options	Installed
	30 µin
Contact Mating Area Plating Material	Gold, Gold Flash
Contact Underplating Material	Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	4.78 mm[.188 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

	.12 in
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Shell Material	Steel
Housing Material	Glass-Filled Nylon, Glass-Filled PBT
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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Packaging Features

Packaging Quantity	13
Packaging Method	Tube

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: JUNE 2024 (241) 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

TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm

Also in the Series | AMPLIMITE HD-20

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PCB D-Sub Connectors(353)
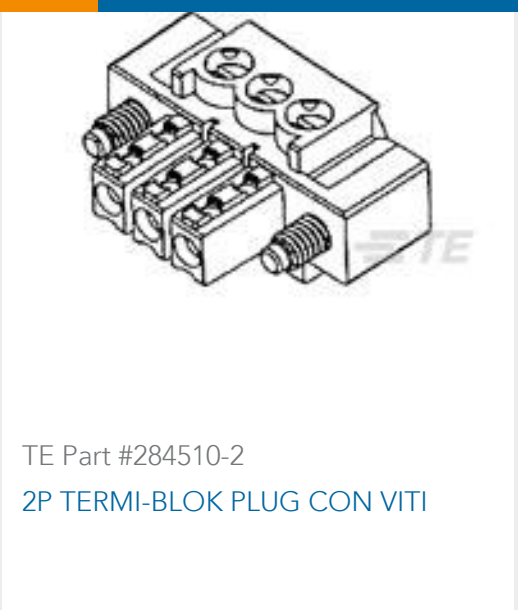
Customers Also Bought
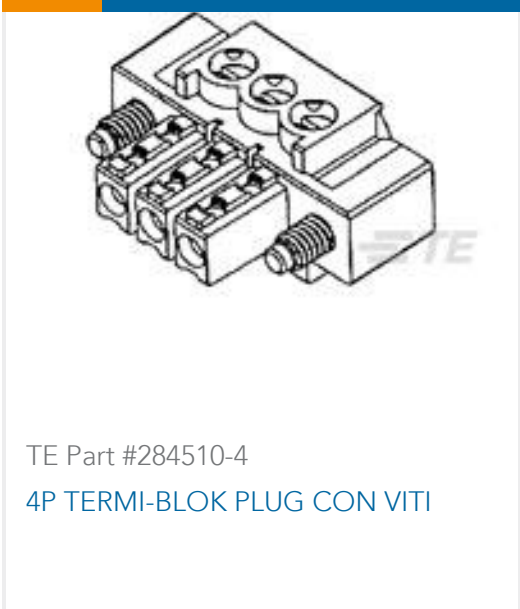
TE Part #338068-6

MICRO-MATCH FTE, 6P

TE Part #5745185-7

15 RCPT SP/MS STD

TE Part #2-1879453-8

Wirewound Resistor: Mineral, 2.5 Kw

TE Part #284510-2

2P TERMI-BLOK PLUG CON VITI

TE Part #284510-4

4P TERMI-BLOK PLUG CON VITI

TE Part #1487586-3

USB, A-B, 28/28, WHITE, 0.16M

TE Part #4-643817-0

10P MTA156 CONN ASSY 18AWG LF

TE Part #1483351-1

MICRO-MATCH LEAD 06P 100MM

Documents

Product Drawings

15 PLUG SP/MS STD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5205735-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5205735-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5205735-7_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English