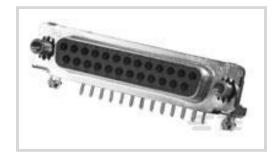
747845-5 - ACTIVE

AMPLIMITE | AMPLIMITE HD-20

TE Internal #: 747845-5 AMPLIMITE HD-20, PCB D-Sub Connectors, Receptacle, Board-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row View on TE.com >



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm



Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Number of Positions: 15

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

Number of Rows: 2

All D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm (39)

Features

Product Type Features

Grounding Indents	Without
Grounded	Yes
Grounding Straps	With
Footprint	8.08 mm[.318 in]
Shell Type	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
D-Sub Shell Size	2
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Product Type	Connector
Configuration Features	
Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Right Angle
Preloaded	Yes

AMPLIMITE HD-20, PCB D-Sub Connectors, Receptacle, Board-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row



Body Features

Eyelet Material	Brass
Eyelet Plating Material	Tin
Female Screwlock Material	Zinc
Plastic	No
Insert Material	Zinc
Female Screwlock Plating Material	Clear Chromate
Connector Profile	Standard
Shell Plating Material	Tin
Shell Material	Steel
Post Size	.66 mm[.026 in]
Contact Features	
Contact Mating Area Plating Material	Gold Flash
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.18 mm[.125 in]
Mechanical Attachment	
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin-Lead
Boardlock Material	Copper Alloy
Mounting Hole Diameter	3.18 mm[.125 in]

Housing Features

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AMPLIMITE HD-20, PCB D-Sub Connectors, Receptacle, Board-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row



Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Thermoplastic
Housing Color	Black
Dimensions	
Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Tray
Packaging Quantity	104



Other

Comment

All receptacles are preloaded with size 20 DF posted socket contacts

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Pb (13% in Component Part) Aticle Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

AMPLIMITE HD-20, PCB D-Sub Connectors, Receptacle, Board-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row



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-onreach

Compatible Parts



Also in the Series | AMPLIMITE HD-20

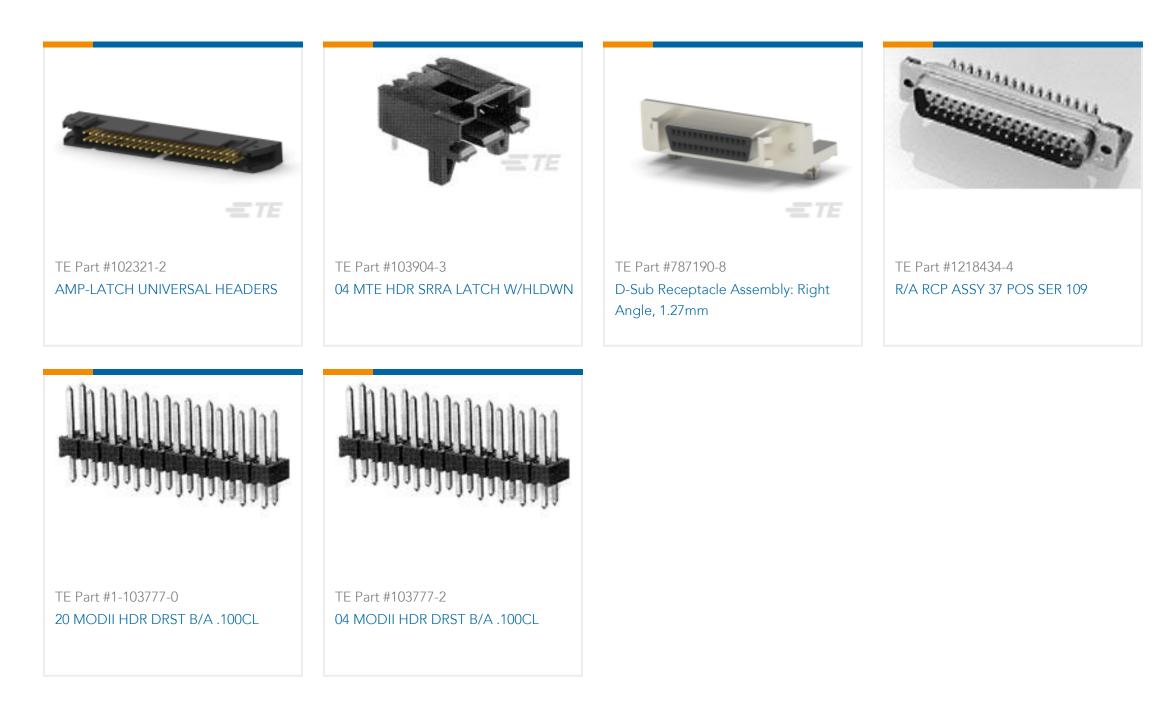


Customers Also Bought



AMPLIMITE HD-20, PCB D-Sub Connectors, Receptacle, Board-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row





Documents

Product Drawings 15 MSFL RCPT RA 318 (SL,FM,BL)

English

CAD Files 3D PDF

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English

Customer View Model ENG_CVM_747845-5_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_747845-5_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_747845-5_AA.3d_stp.zip

English

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Product Specifications Application Specification

English

Agency Approvals UL Report

English