

AMPLIMITE | AMPLIMITE HDP

TE Internal #: 338169-2

Plug, Cable-to-Board, 15 Position, 2.74 mm [.108 in] Centerline, 2 Row, 2 Shell Size, Round, Standard Profile, AMPLIMITE HDP, PCB

D-Sub Connectors

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D-Sub Plug Assembly: Standard, Right Angle, Shell Size 2, 2.74mm



Connector & Housing Type: Plug Connector System: Cable-to-Board

Number of Positions: 15

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

Number of Rows: 2

All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 2, 2.74mm (20)

Features

Product Type Features

Product Type Features	
Ground Feature Type	Grounding Indents, Grounding Straps
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-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	Right Angle
Body Features	

Assembly Process Feature Material	Phosphor Bronze
Insert Material	Steel
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard



Contact Features

Contact Features	
Contact Underplating Material	Palladium Nickel
	30 μin
Contact Options	Installed
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Termination Features	
Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.126 in]
Mechanical Attachment	
Mounting Hole Diameter	3.1 mm
PCB Mount Alignment	With
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Mating Retention Type	Mounting Holes
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polyester GF
Shell Material	Steel
Centerline (Pitch)	2.74 mm[.108 in]
Dimensions	
PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]



Operation/Application

Durability Rating	200 Cycles
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	DIN 41652
Packaging Features	
Packaging Quantity	55

Tray

Product Compliance

Packaging Method

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2025 (247) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (.35% in Component part) Article 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.
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



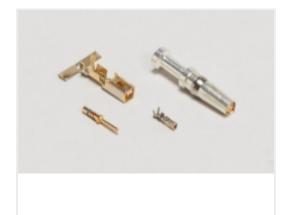


TE Part # CAT-AM7-248H8

IDC D-Sub: Receptacle Assembly,
Wire to Wire, Signal, 2.74 mm



Also in the Series | AMPLIMITE HDP







Customers Also Bought



TE Part #3-1415899-5 RZ02-1C4-D012

PT570220



TE Part #167293-1 15P.HDP20 PLUG ASSY



TE Part #164531-4 9P.HDP20 REC.ASSY.



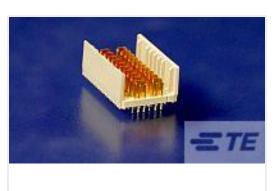
TE Part #280360 AMPMODU II REC. HSG, SINGLE ROW 6 POS











TE Part #6469076-1 HM-ZD 2PR HDR ASSY 1.8MM





Documents

Product Drawings

15P HDP20 PLUG ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_338169-2_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_338169-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_338169-2_G.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