

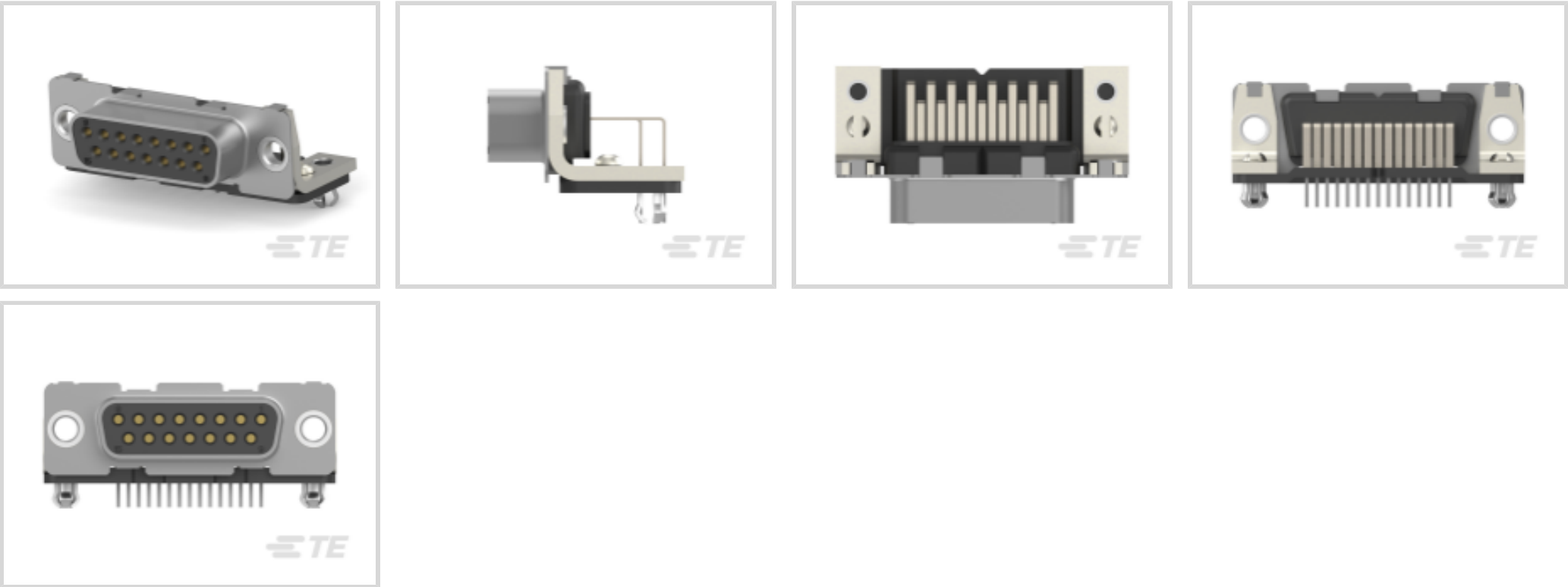
TE Internal #: 106506-2

AMPLIMITE HDP, PCB D-Sub Connectors, Receptacle, Cable-to-Board, 15 Position, 2.74mm [.108in] Centerline, 2 Row, Row-to-Row Spacing 2.54 mm [.1 in]

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

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

Number of Rows: **2**

Features

Product Type Features

Grounding Indents	Without
Grounding Straps	With
Footprint	10.31 mm[.406 in]
Shell Type	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
D-Sub Shell Size	2
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Performance Level	Level 2
Number of Positions	15
Number of Rows	2



PCB Mount Orientation	Right Angle
Preloaded	Yes

Body Features

Plastic	No
Connector Profile	Standard
Post Size	.7 mm
Color	Black
Shell Plating Material	Tin
Shell Material	Steel

Contact Features

Contact Mating Area Plating Material	Gold Flash
PCB Contact Termination Area Plating Material	Tin
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	3.2 mm[.1259 in]

Mechanical Attachment

PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Mounting Hole
Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin
Mounting Hole Diameter	3.1 mm
Boardlock Material	Phosphor Bronze
Mating Alignment	With

Housing Features

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Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Polyester GF
Housing Color	Black

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

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

Approved Standards	DIN 41652
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	45

Other

Installation Height	7.3 mm
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Product Compliance

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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Pb (.35% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Model / Part # 1-745494-7 PLUG ASSY,15P,HDE,MS</p>	 <p>TE Model / Part # 1-747946-5 KIT,PLUG,15P,HDE,SHLD ENCLSRE</p>	 <p>TE Model / Part # 1658613-3 15 POS HDF PLUG, MS, LEAD FREE</p>	 <p>TE Model / Part # 1-745494-5 15 HDE MS PLUG,22-26,LEAD FREE</p>
 <p>TE Model / Part # 206509-1 SIZE 20 KEYING PLUG</p>	 <p>TE Model / Part # 1658608-3 15 POS HDF PLUG, MS, LEAD FREE</p>	 <p>TE Model / Part # 747531-8 KIT,PLUG,15P,HDE,SHLD HDWRE</p>	 <p>TE Model / Part # 747531-7 KIT,PLUG,15P,HDE,SHLD HDWRE</p>

Also in the Series | AMPLIMITE HDP

 <p>D-Sub Connector Contacts(6)</p>	 <p>PCB D-Sub Connectors(88)</p>
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Customers Also Bought

TE Model / Part #4-2176348-0
CRGCQ 2010 3M3 5%

TE Model / Part #6-103414-6
18 MODII HDR SRST SHRD LF

TE Model / Part #1-826629-3
13P AMPMODU II STIFT LEI

TE Model / Part #2-1393217-3
RE032018

TE Model / Part #2-647123-5
05P MTA156 SHRD HDR ASSY SQ SN

TE Model / Part #1-2029172-2
12P VRT HDR VAL-U-LOK V2 W/ODH

TE Model / Part #1-215299-8
18P HV100 REC CON. TE, 8.5MM

TE Model / Part #1-647400-0
10P SL156 HSG,NO RAMP,LRG OPEN

TE Model / Part #2-1676172-1
RN 0805 120K 0.1% 10PPM CUT
LENGTH

Documents

Product Drawings
15P.HDP20 REC.ASSY.

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_106506-2_J_c-106506-2-j.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_106506-2_J_c-106506-2-j.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_106506-2_J_c-106506-2-j.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 Environmental Compliance

REACH Substance Communication Document

English