

8-106507-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDP

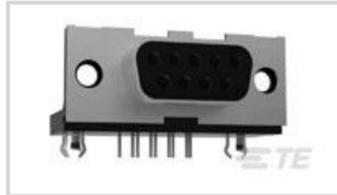
TE Internal #: 8-106507-2

25 Position D-Shaped Connector, Receptacle, Cable-to-Board,
Board Mount, Shell Size 3, 2.77 mm [.109 in] Centerline, AMPLIMITE
HDP

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Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm



Number of Positions: 25

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: 3

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm \(47\)](#)

Features

Product Type Features

Ground Feature Type	Grounding Straps
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	25
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

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

Contact Features

Contact Mating Area Plating Material	Gold Flash
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Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Contact Options	Installed

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

Mating Alignment	With
PCB Mount Alignment	With
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Threaded Insert
Mating Retention	Without
Mating Retention Type	Female Screwlocks, 4-40 UNC

Housing Features

Housing Material	Polyester GF
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.109 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]
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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	30
Packaging Method	Tray

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	有害物质含量超出标准 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) SVHC > Threshold: Pb (.35% in 74025572) 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-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

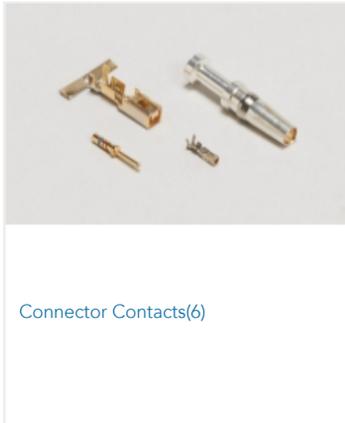


TE Part # 206509-1
SIZE 20 KEYING PLUG

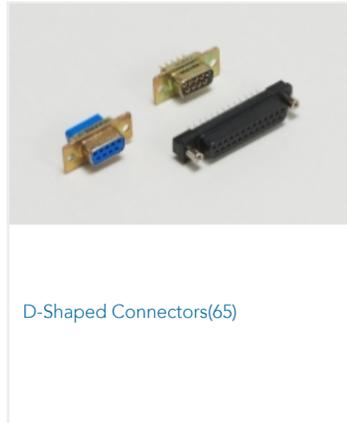


TE Part # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm

Also in the Series | **AMPLIMITE HDP**



Connector Contacts(6)



D-Shaped Connectors(65)



PCB D-Sub Connectors(65)

Customers Also Bought



TE Part #9365894001
MT5000-3/8-0-SP



TE Part #HDP24-24-33SN-L015
REC, 33P, BLK, N, THD, 20, S



TE Part #8126152001
MT1000-3/8-0-STK



TE Part #3-106507-2
25P.HDP20 REC.ASSY.



TE Part #173645-2
070 MLC TAB CON 20-16



TE Part #5-826938-0
50P AMPMODU II STIFT LEI



TE Part #4-1879071-7
THS50 470R 5%



TE Part #2118909-6
PCB Ant, MHF4L, 370.8mm, Wi-Fi 6E Triple



TE Part #368507-1
070 MLC CAP HSG 12P



TE Part #826884-3
HOUSING.



Documents

Product Drawings

[25P.HDP20 REC.ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-106507-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-106507-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-106507-2_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