

3-338170-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDP

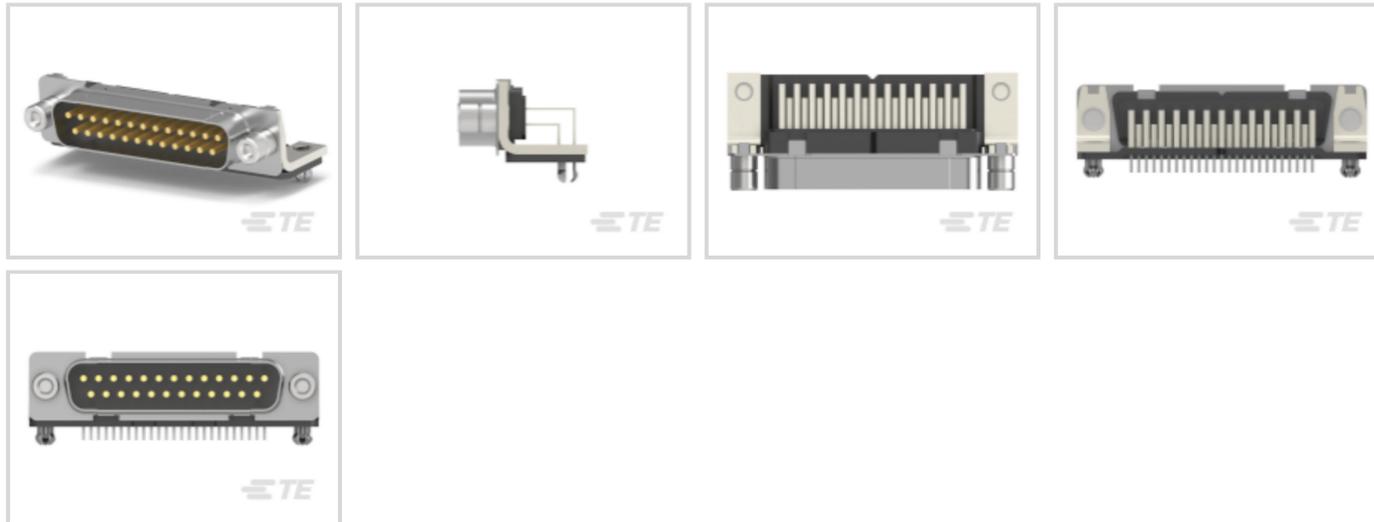
TE Internal #: 3-338170-2

25 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, Shell Size 3, 2.74 mm [.108 in] Centerline, Printed Circuit Board, AMPLIMITE HDP

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm



Number of Positions: 25

Connector & Housing Type: Plug

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 3

[All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm \(25\)](#)

## 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	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
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Insert Material	Steel
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard

#### Contact Features

	30 $\mu$ m
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au)
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

Mounting Hole Diameter	3.1 mm
PCB Mount Alignment	With
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Female Screwlocks, 4-40 UNC

#### Housing Features

Housing Material	Polyester GF
Shell Material	Steel
Centerline (Pitch)	2.74 mm[.108 in]

#### Dimensions

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

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Durability Rating	200 Cycles
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Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	DIN 41652
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### Packaging Features

Packaging Quantity	30
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Packaging Method	Tray
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
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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)
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**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.
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Solder Process Capability	Wave solder capable to 265°C
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#### 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

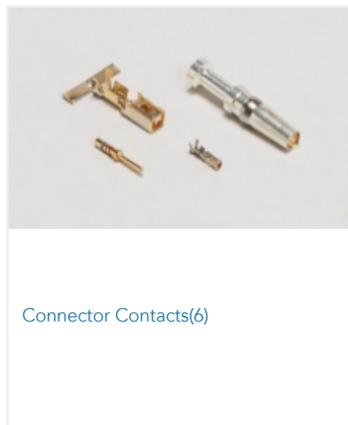


TE Part # 1-747947-5  
KIT, RCPT, 25P, HDE, SHLD ENCLSRE

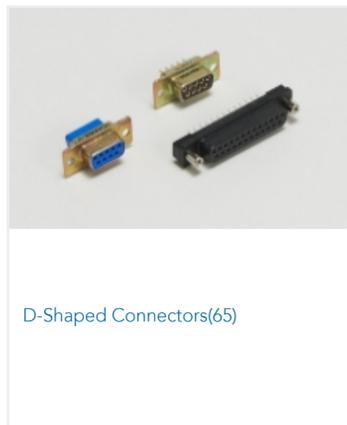


TE Part # CAT-AM7-248H5  
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm

## Also in the Series | AMPLIMITE HDP



Connector Contacts(6)



D-Shaped Connectors(65)



PCB D-Sub Connectors(65)

## Customers Also Bought



TE Part #DTF15-12PA  
HDR, 12P, GRY, ST, SN/NI/CU, A



TE Part #YDBC53H-1210PNV001  
HERM RECP



TE Part #DTM13-08PA-R004  
HDR, 8P, GRY, RA, NI/CU, A



TE Part #2-1445050-2  
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-1445055-2  
MICRO MNL HDR ASSY S/ROW LF



TE Part #2-1445087-4  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1462052-6  
HF6 56 = 50OHM 140MW 12V MONO



TE Part #5499160-6  
A/L UNIV HDR 26P VERT SHT LAT



## Documents

### Product Drawings

#### 25P.HDP20 PLUG ASSY

English

### CAD Files

#### Customer View Model

##### ENG\_CVM\_CVM\_3-338170-2\_H.2d\_dxf.zip

English

#### 3D PDF

3D

#### Customer View Model

##### ENG\_CVM\_CVM\_3-338170-2\_H.3d\_igs.zip

English

#### Customer View Model

##### ENG\_CVM\_CVM\_3-338170-2\_H.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