

3-338170-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDP

TE Internal #: 3-338170-2

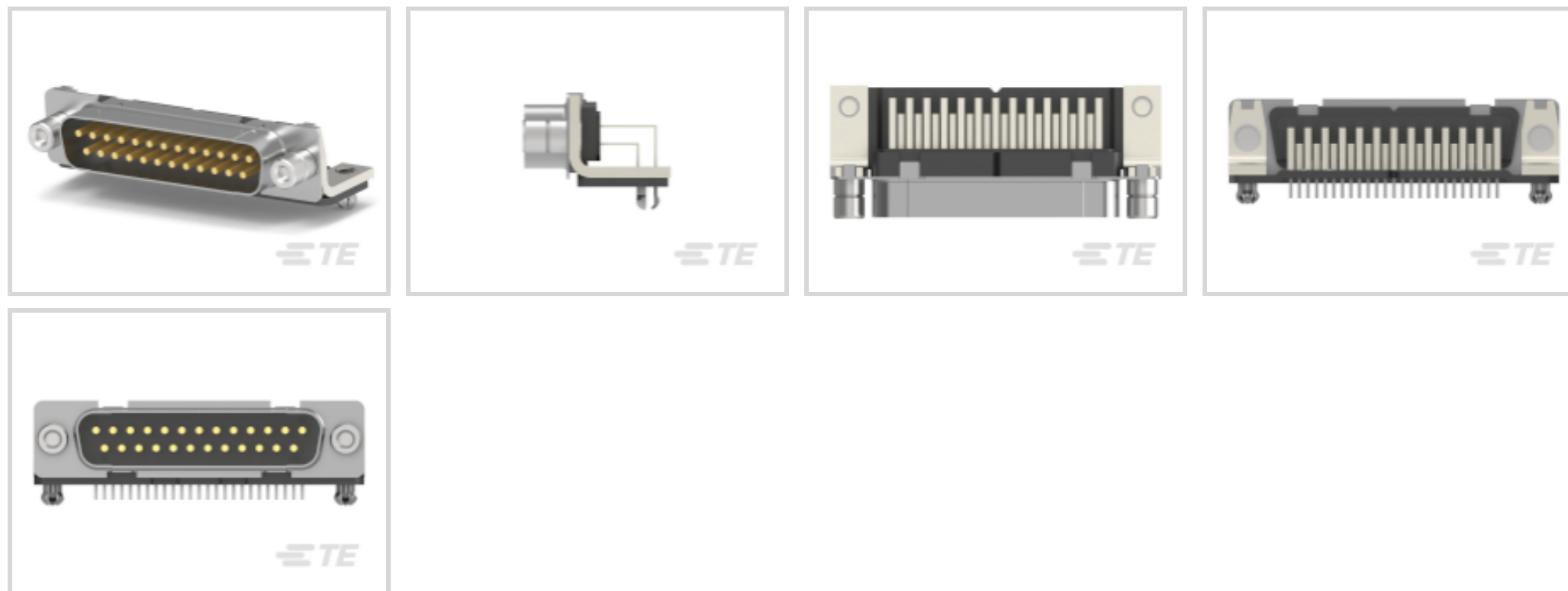
Plug, Cable-to-Board, 25 Position, 2.74 mm [.108 in] Centerline, 2 Row, 3 Shell Size, Round, Standard Profile, AMPLIMITE HDP, PCB D-Sub Connectors

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[Connectors >](#) [D-Shaped Connectors >](#) [D-Sub Connectors >](#) [PCB D-Sub Connectors >](#)

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



Connector & Housing Type: **Plug**

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

Number of Positions: **25**

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

Number of Rows: **2**

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

Contact Underplating Material	Palladium Nickel
	30 μ m
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	With
Mating Retention Type	Female Screwlocks, 4-40 UNC
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]
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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	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Pb (.35% in 74025572)</p> <p>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.</p>
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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 # 747548-8
KIT,RCPT,25P,HDE,SHLD HDWRE



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




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 ENCLSR

Also in the Series | AMPLIMITE HDP



Connector Contacts(6)



PCB D-Sub Connectors(65)

Customers Also Bought



TE Part #2118723-2
STD SHIELD COVER, CRS-37.33X34.18X2.00MM



TE Part #CAT-P851-T1B
PCB Power Relay: 40 Amp, Monostable



TE Part #2118724-2
STD SHIELD FRAME, CRS-36.83X33.68X5.08MM



TE Part #1676337-1
RN 0805 41K2 0.1% 10PPM CUT LENGTH



TE Part #6-2176391-0
RQ 1206 51K1 0.1% 10PPM 5K RL



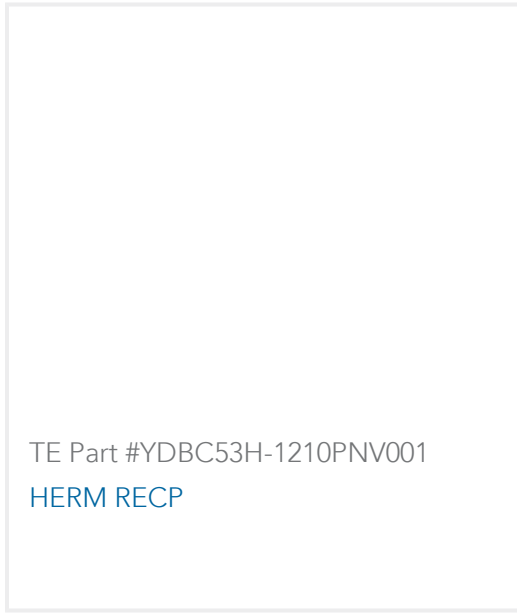
TE Part #8-1879337-8
CPF 0603 20K 1% 50PPM 1K RL



TE Part #9-1879261-1
RP 2B 12K1 0.1% 15PPM CUT LENGTH



TE Part #5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



Documents

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