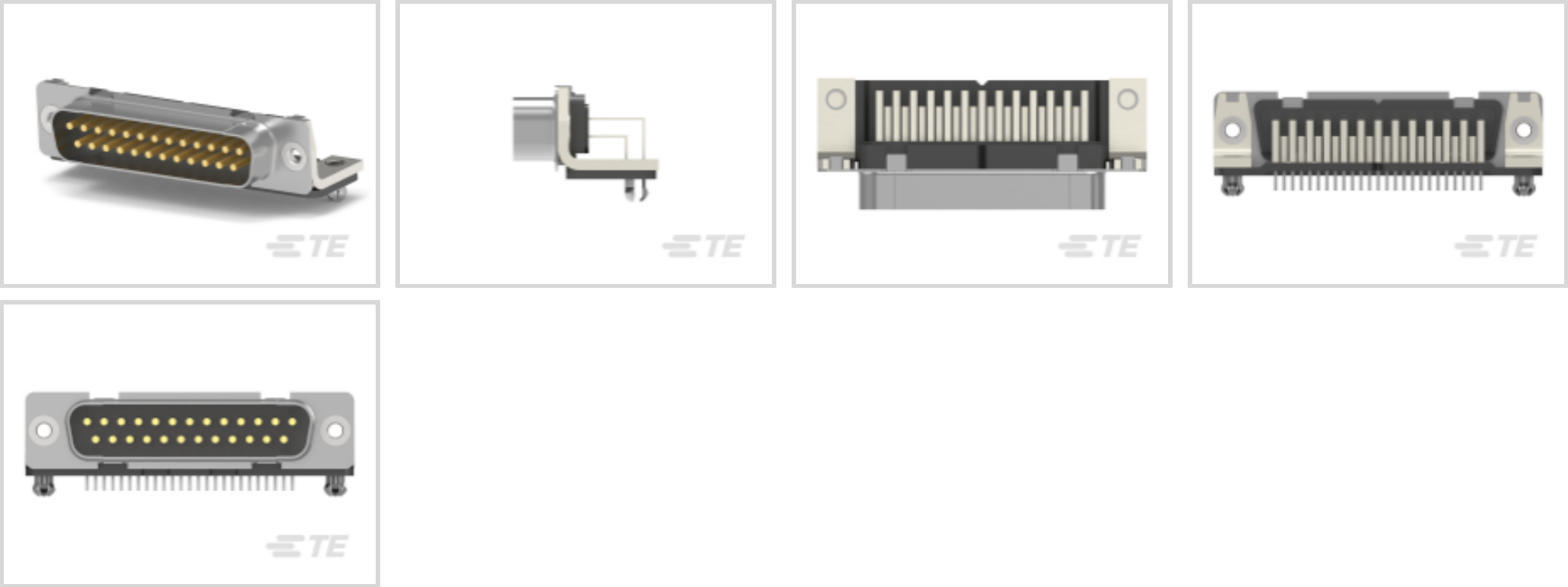




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors >

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 \(39\)](#)

Features

Industry Standards

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

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]

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Operation/Application

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Durability Rating	200 Cycles
Circuit Application	Signal

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	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount

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

Dimensions

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

Housing Features

Housing Material	Polyester GF
Shell Material	Steel



Centerline (Pitch)	2.74 mm[.108 in]
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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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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-AM7-253  
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-AM7-248H6  
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



TE Part # 5-747913-2  
25 Rcpt Solder Cup, Gold Flash



TE Part # 747548-8  
KIT,RCPT,25P,HDE,SHLD HDWRE

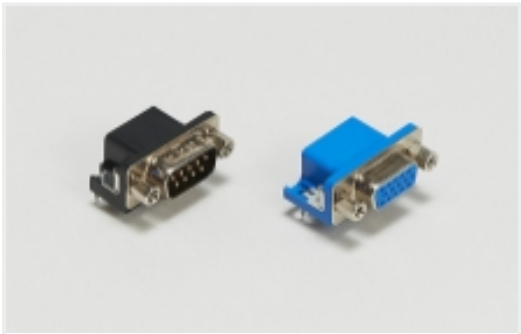


TE Part # CAT-AM7-248H5  
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm

Also in the Series | AMPLIMITE HDP



Connector Contacts(6)



PCB D-Sub Connectors(83)

Customers Also Bought



TE Part #3-1393789-7  
V23079A2003B301

TE Part #3-643817-7  
07P MTA156 CONN ASSY 18AWG  
ORA

TE Part #1393240-6  
RT314615

TE Part #CONSMB001-G  
SMB Jack 50 Ohm PCB Through Hole

TE Part #CONSMB007-G  
SMB Plug 50 Ohm Cable Crimp

TE Part #3-1625999-1  
HSC100 3K3 5%

TE Part #4-2176316-0  
MELF SMA\_A 150R 1% 50PPM 0207  
1W

TE Part #244336-E  
STVC/3 30 F ABC VV 7-00 TL 2,5 \*  
247 E0

TE Part #294927-E  
STVQ/3 20 FI AB VV 7-03 TL \* \* 247 E  
172

TE Part #374380-E  
STVTE 160 FI ABCDE VVVV 7-03 TL-S  
\* \* 2

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-338170-2\_H.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-338170-2\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-338170-2\_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