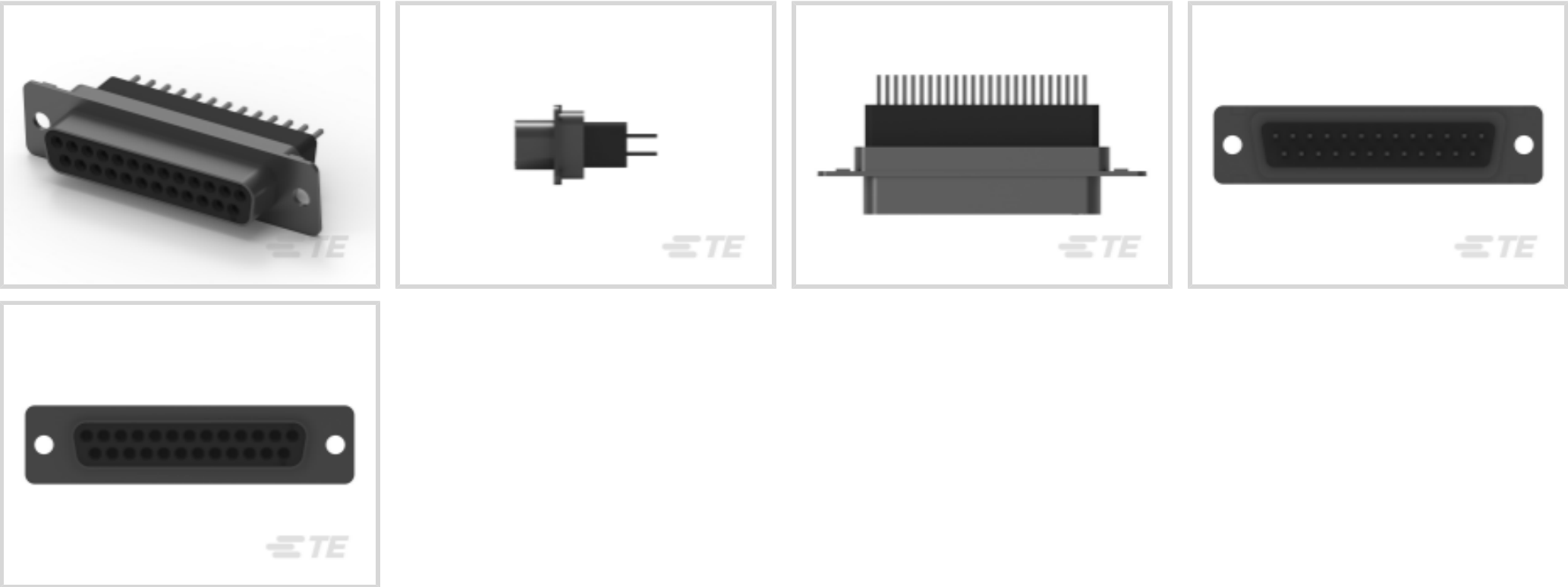




Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



Number of Positions: 25

Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 3

[All D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm \(35\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	25

Body Features

Insert Material	Thermoplastic
Shell Plating Material	Tin



Connector Profile	High
Contact Features	
Contact Underplating Material	Nickel
	30 µin
Contact Shape & Form	Square
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	6 A
Contact Options	Installed
Termination Features	
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.78 mm[.188 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]
Mechanical Attachment	
PCB Mount Retention	With
Mounting Hole Diameter	3.05 mm[.12 in]
Mating Retention	Without
PCB Mount Retention Type	Mounting Hole
Connector Mounting Type	Board Mount
Housing Features	
Shell Material	Steel
Centerline (Pitch)	2.74 mm[.108 in]
Dimensions	
Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	2.36 – 3.18 mm[.093 – .125 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	10
Packaging Method	Tube

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

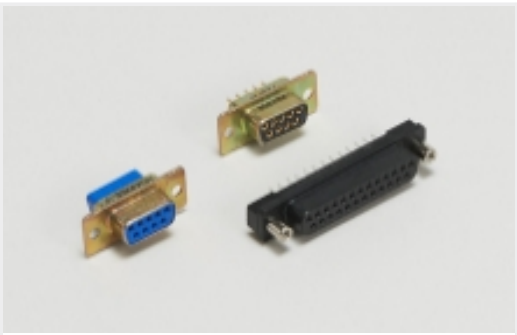


TE Part # CAT-AM7-248H3  
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # CAT-AM7-H3  
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

Also in the Series | **AMPLIMITE HD-20**



[D-Shaped Connectors\(285\)](#)



[PCB D-Sub Connectors\(285\)](#)

Customers Also Bought



TE Part #1-323989-0  
[TERMINAL,PIDG R 24-20 8](#)



TE Part #1676442-2  
[RN 0805 80R6 0.1% 10PPM 1KRL](#)



TE Part #5745183-2  
[09 RCPT SP/MS STD](#)



TE Part #2430087-1  
[EMI Fan Vent 92mm](#)



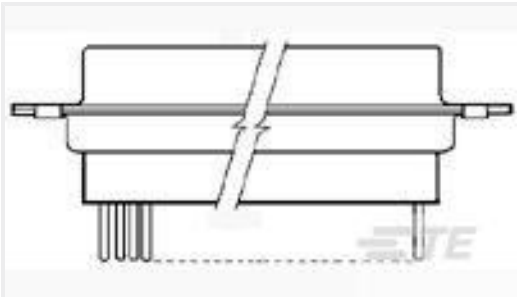
TE Part #5-1393252-6  
[W67-X2Q12-15=M6/M7/M9/W6/W7](#)



TE Part #5745410-7  
[09 PLUG SP/MS STD](#)



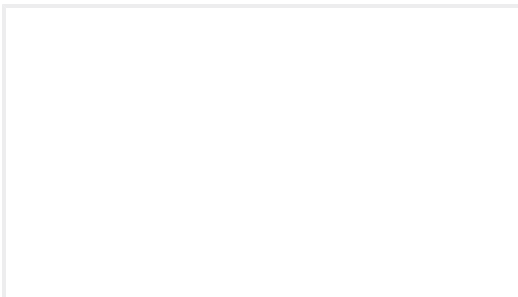
TE Part #745191-7  
[50 RCPT SP/MS STD](#)



TE Part #208869-1  
[PLUG ASSY,62 POSN,AMPLIMITE](#)



TE Part #5745189-7  
[37 RCPT SP/MS STD](#)



TE Part #3-5352068-0  
[Z-PACK/A RAF 110P](#)

Documents

Product Drawings

[25 RCPT SP/MS STD](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5745187-7\\_B.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5745187-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5745187-7\\_B.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Straight Posted Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English