

4-338313-2 ✓ ACTIVE

## AMPLIMITE

TE Internal #: 4-338313-2

9 Position D-Shaped Connector, Receptacle, Cable-to-Board,  
Board Mount, 1 Shell Size, 2.74 mm [.108 in] Centerline, Printed  
Circuit Board, Signal

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



Number of Positions: **9**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **1**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(37\)](#)

## Features

### Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	9

### Body Features

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

### Contact Features



Contact Mating Area Plating Material Thickness	.76 $\mu$ m
Contact Shape & Form	Round
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

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	4.5 mm[.177 in]

### Mechanical Attachment

Mating Retention Type	Female Screwlocks, M3
PCB Mount Retention	With
Mating Retention	With
PCB Mount Retention Type	Boardlock
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount

### Housing Features

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

### Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	1.6 mm[.063 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	55
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	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) SVHC > Threshold: Pb (.35% in 74025572) <b>Article Safe Usage Statements:</b> 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-AM7-248H3  
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 1-747944-5  
09 SHLDG ENCL PLUG, LEAD FREE



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

## Customers Also Bought



TE Part # 7-1879260-9  
RP 2B 4K99 0.1% 15PPM CUT LENG



TE Part # 2176391-9  
RQ 1206 15K 0.1% 10PPM 5K RL



TE Part # 5646492-1  
2MM HM, ASY, T-F, REC, TT/PRE-SHLD



TE Part # 1775485-1  
Battery Holder, 3.6mm, BLK, low profile



TE Part # 6-1676966-9  
SMW2 68R 5%



TE Part # 3-2176339-1  
CRGCQ 0603 3K3 1%



TE Part # 1-794065-0  
08P MINI UMNL HDR W/DH SN



TE Part # 1-1825058-9  
ADE08S04=DIP SWITCH, EXT, SMT-GW



TE Part # 3-2176337-1  
CRGCQ 0402 3K3 1%



TE Part # 4-338309-2  
9P.HDP20 PLUG ASSY

## Documents

### Product Drawings

[9POS.HD-20 REC.ASSY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-338313-2\\_E\\_c-4-338313-2-e.2d\\_dxf.zip](#)

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9 Position D-Shaped Connector, Receptacle, Cable-to-Board, Board Mount, 1 Shell  
Size, 2.74 mm [.108 in] Centerline, Printed Circuit Board, Signal



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_4-338313-2\\_E\\_c-4-338313-2-e.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_4-338313-2\\_E\\_c-4-338313-2-e.3d\\_stp.zip](#)

English

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