



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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **25**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm \(64\)](#)

## Features

### Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	.43 mm[.427 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]

### Packaging Features

Packaging Quantity	10
Packaging Method	Tube

### Operation/Application

Shielded	Yes
Circuit Application	Signal

### Mechanical Attachment

	.12 in
PCB Mount Retention	Without
Mating Retention	Without



Connector Mounting Type Board Mount

### Body Features

Shield Plating Material	Tin
Insert Material	Polyamide, GV
Shield Material	Steel
Shell Plating Material	Zinc
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-Lead
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A

### Dimensions

PCB Thickness (Recommended)	1.57 mm, 2.36 mm [.062 in][.093 in]
Row-to-Row Spacing	2.84 mm [.112 in]

### Housing Features

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

### 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

Number of Positions	25
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Number of Rows	2
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PCB Mount Orientation	Vertical
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### Usage Conditions

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

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Compliant with Exemptions
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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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: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (13% in Component Part)</p>
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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



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



Customers Also Bought



Documents

**Product Drawings**  
25 RCPT SP/MS STD

English

**CAD Files**  
Customer View Model  
ENG\_CVM\_CVM\_205738-3\_AD.3d\_igs.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_205738-3\\_AD.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_205738-3\\_AD.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**3D PDF**

English

**Customer View Model**

[ENG\\_CVM\\_205738-3\\_U.2d\\_dxf.zip](#)

English

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English

**Customer View Model**

[ENG\\_CVM\\_205738-3\\_U.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English