### AMPLIMITE | AMPLIMITE HD-20

TE Internal #: 5205736-4

TE Internal Description: 15 RCPT SP/MS STD

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

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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: 15

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

Number of Rows: 2

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**

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical

# **Body Features**

Insert Material	Polyamide, GV
Shell Plating Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

# **Contact Features**

Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash



Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A
Termination Features	
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	10.85 mm[.427 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]
Mechanical Attachment	
	.12 in
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Glass-Filled Nylon, Glass-Filled PBT
Shell Material	Steel
Centerline (Pitch)	2.74 mm[.108 in]
Dimensions	
PCB Thickness (Recommended)	1.57 mm, 2.36 mm[.062 in][.093 in]
Row-to-Row Spacing	2.84 mm[.112 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	13
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: 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

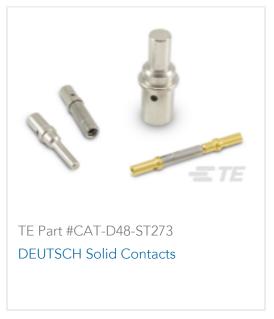
#### Product Compliance Disclaimer

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

# Also in the Series | AMPLIMITE HD-20



# Customers Also Bought















# **Documents**

# **Product Drawings**

15 RCPT SP/MS STD

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_5205736-4\_C.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_5205736-4\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5205736-4\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# **Product Specifications**

**Application Specification** 

English

# Agency Approvals

**UL Report** 

English