



Connectors > D-Shaped Connectors

Number of Positions: **25**Connector & Housing Type: **Receptacle**Connector System: **Board-to-Board**Connector Mounting Type: **Board Mount**Connector Shell Size: **3**

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	25
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Insert Material	Thermoplastic
Shell Plating Material	Tin
Connector Profile	High

Contact Features

Contact Thickness	30 μ m
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

Contact Shape & Form	Square
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Contact Current Rating (Max)	6 A
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Contact Options	Installed
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	10.85 mm[.427 in]
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Square Termination Post & Tail Dimension	.63 mm[.025 in]
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Mechanical Attachment

Connector Mounting Type	Board Mount
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Hole
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Mating Retention	Without
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Housing Features

Shell Material	Steel
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Centerline (Pitch)	2.74 mm[.108 in]
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Dimensions

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

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	10
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Packaging Method	Tube
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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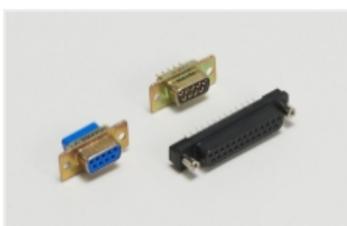


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 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**



D-Shaped Connectors(285)



PCB D-Sub Connectors(285)

Customers Also Bought



TE Part #221221-5
JACK BLKHD 75OHM BNC



TE Part #1214-202-1378
R SNAP



TE Part #6126-201-1958
NUT PNL



TE Part #6334-232-2558
SHL RECP ASSY



TE Part #6313-202-2500
O RING

TE Part #6126-201-1158
NUT PNL

TE Part #6334-232-1358
SHL RECP ASSY

TE Part #6313-201-2102
RING SEAL



TE Part #YDTS24G23-35PNV001
RECP ASSY

TE Part #6304-205-1302
INS PIN ASSY

Documents

Product Drawings

25 RCPT SP/MS STD

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5745187-3_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5745187-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5745187-3_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English