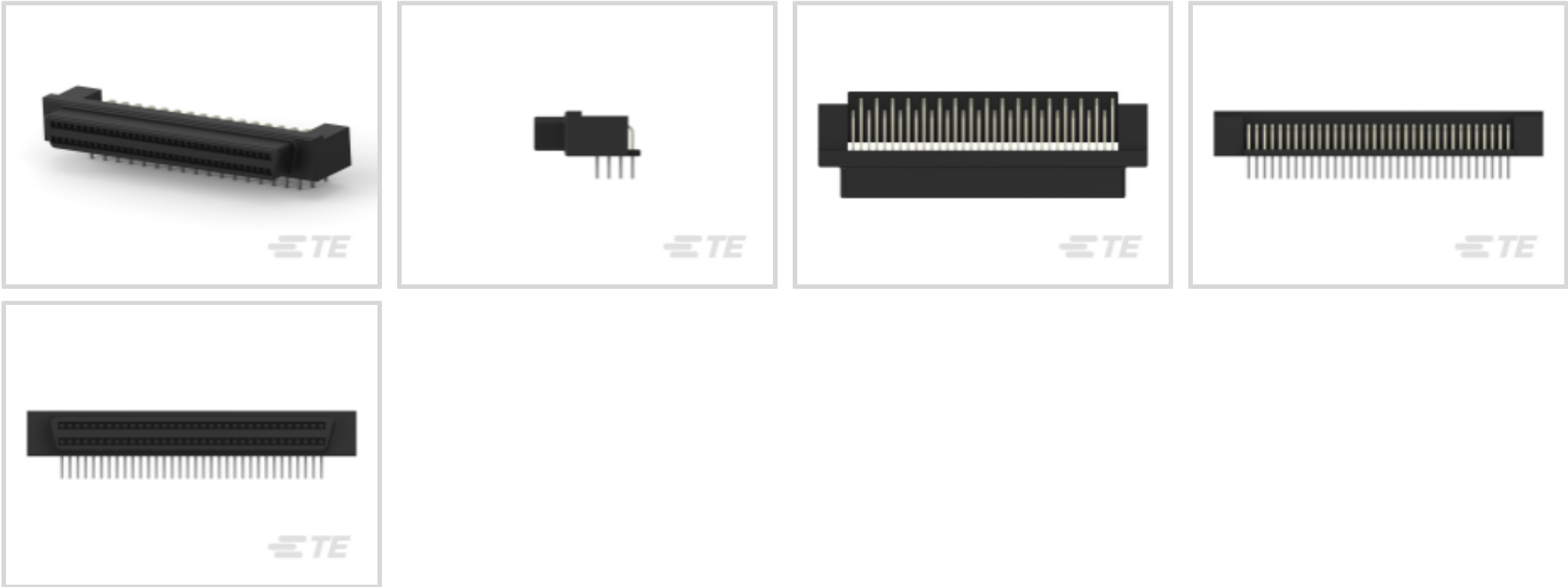




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, 1.27mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **68**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **4**

[All D-Sub Receptacle Assembly: Right Angle, 1.27mm \(74\)](#)

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	68
Number of Rows	4
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

--	--



Contact Options	Installed
Contact Mating Area Plating Material Thickness	.76 µm
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin, Tin over Nickel
Contact Base Material	Copper Alloy
Contact Shape & Form	Square
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Termination Post & Tail Length	3.6 mm[.142 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Retention Solder Tails
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
--------------------	----------------

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features



Packaging Quantity	72
Packaging Method	Tray

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: JUNE 2024 (241) 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>

Compatible Parts



Also in the Series | [AMPLIMITE 0.50 Series](#)

A collection of various metal backshells and shields in different sizes and finishes, including brass and steel.

Connector Backshells(31)

An orange plastic cap and a grey plastic cover with a metal pin, used for protecting connector ports.

Connector Caps & Covers(21)

Various small metal components including pins, sockets, and mounting hardware for connectors.

Connector Hardware(7)

Several black and red IDC D-sub connectors of different sizes and configurations.

IDC D-Sub Connectors(64)

A set of three blue and orange tools used for inserting and extracting components from connectors.

Insertion & Extraction Tools(1)

Two different types of PCB D-sub connectors, one black and one blue, with multiple pins.

PCB D-Sub Connectors(172)

Customers Also Bought

A long, white, rectangular component, likely a backshell or shield.

TE Part #3-5177986-4
0.8FH,P08H.5,100,08/Sn,TR,SC

Two black, rectangular components, likely connectors or adapters.

TE Part #6-1879233-7
SMW5 56R 5%

A black, rectangular component with multiple pins, likely a connector or adapter.

TE Part #2007215-1
SFP+ 1x1 Cage Assy, PCI, Press

Three small, green, rectangular components, likely resistors or capacitors.

TE Part #8-1879208-1
CPF 0402 22K 0.1% 25PPM 1K RL

Three different types of screws, likely used for mounting connectors.

TE Part #786585-3
50SR SCREWLOCK KIT,BULK,FEMAL

Three small, black, rectangular components, likely resistors or capacitors.

TE Part #1625867-2
RP 1J 0.166W 10K 0.1% 25PPM 1K RL

A green, rectangular component with multiple pins, likely a connector or adapter.

TE Part #5-2176397-2
3502 130R 1%

A green, rectangular component with multiple pins, likely a connector or adapter.

TE Part #5-2176397-6
3502 200R 1%

A small, black, rectangular component with multiple pins, likely a connector or adapter.

TE Part #6-2176330-1
CRGP 2010 1M0 1%

A red, cylindrical component with multiple pins, likely a connector or adapter.

TE Part #2416050-1
PBES22 40 RB NO LAMP 000 000 NC

Documents



Product Drawings

AMPLIMITE.050 PLUG ASS'Y (H) 68P PB-FREE

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-5174682-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-5174682-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-5174682-7_A.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