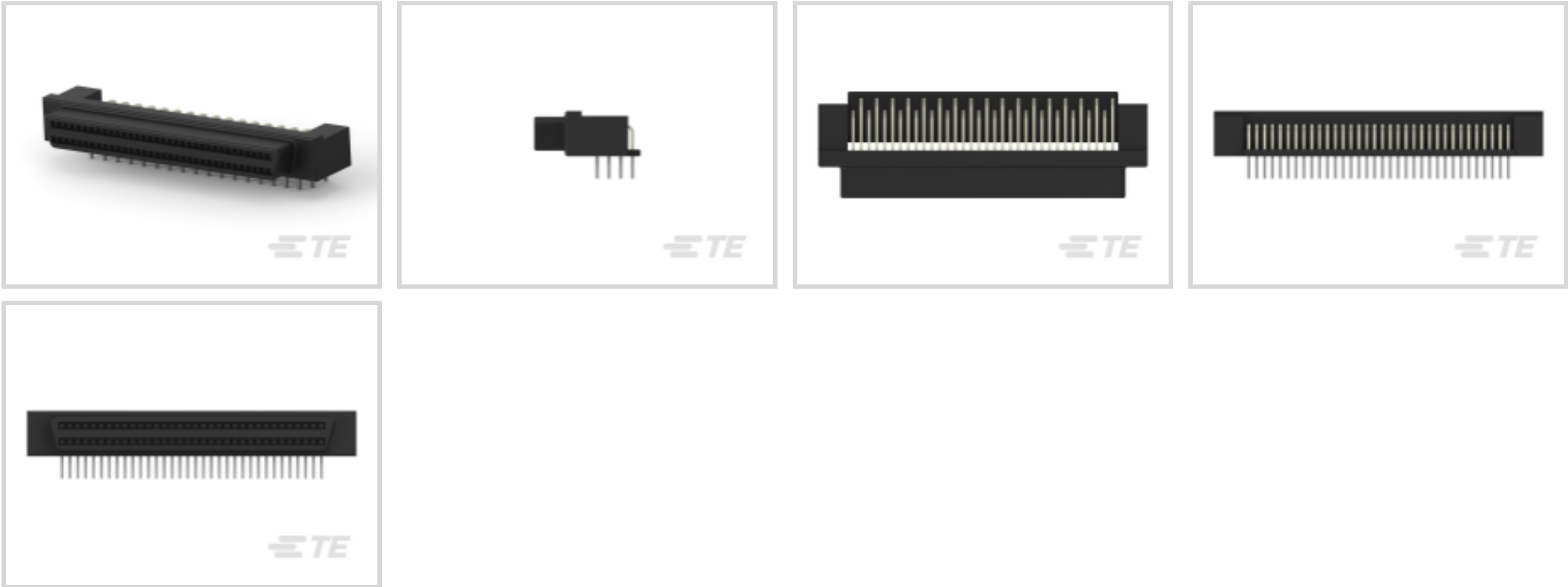




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, 1.27mm



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

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

Termination Features

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

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]
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Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



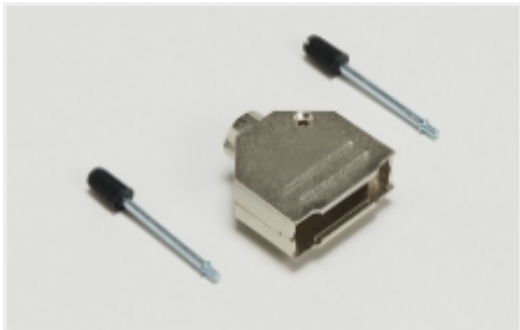
Also in the Series | [AMPLIMITE 0.50 Series](#)



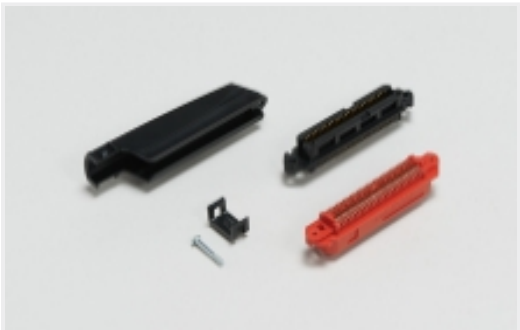
Connector Caps & Covers(20)



Connector Hardware(6)



D-Sub Backshells & Clamps(21)

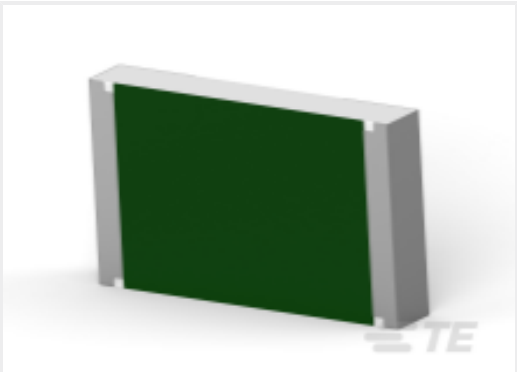


IDC D-Sub Connectors(69)



PCB D-Sub Connectors(172)

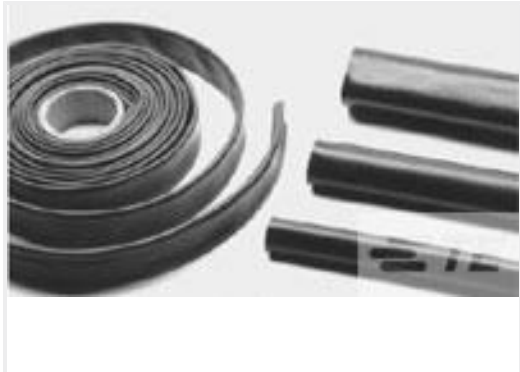
Customers Also Bought



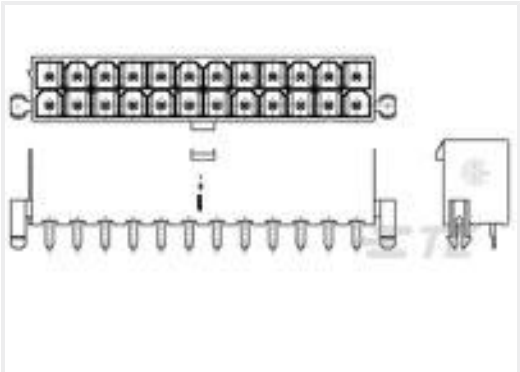
TE Part #9-2176400-7
3540 10K 1%



TE Part #2-406549-1
IMJ,1X1,PNL GRD,LED(G/Y), SN



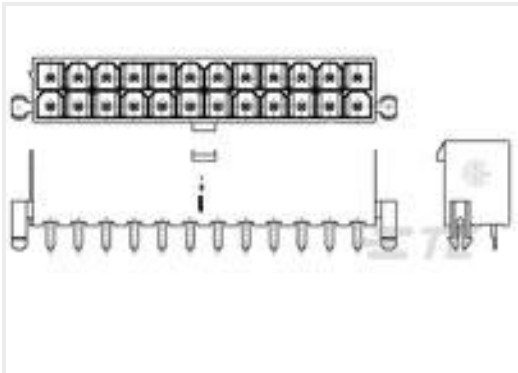
TE Part #CB5060-000
BSTS-20X4



TE Part #1-1586039-0
10P VAL-U-LOK VRT HDR W/P V2



TE Part #1-338311-2
25POS.HD20 PLUG ASS



TE Part #1586039-2
2P VAL-U-LOK VRT HDR W/P V2



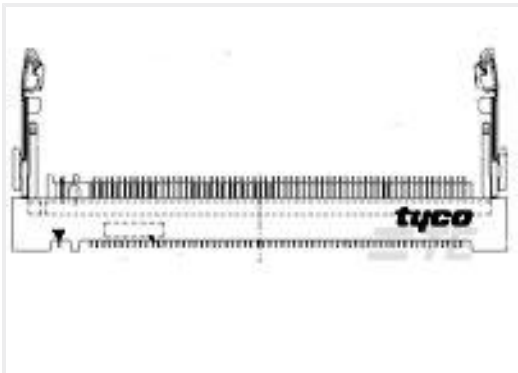
TE Part #207252-2
PLUG ASSY,SZ 1,AMPLIMITE



TE Part #60598-3
058PIN REC IS 22-20 010PTPPHBZ



TE Part #543382-8
INSERT/EXTRACT TIP 25-KIT



TE Part #440360-2
.8MM FAX MODEM SOCKET 124P, 7.95H

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