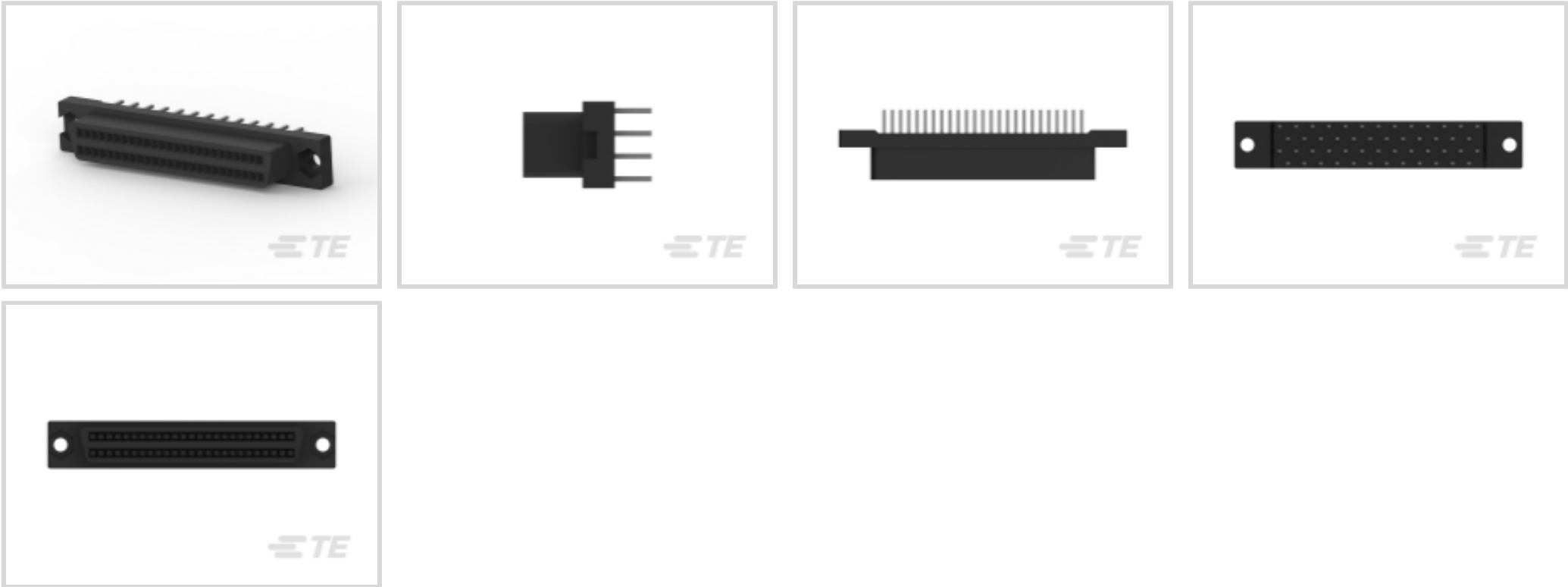




Connectors > D-Shaped Connectors > AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm



Number of Positions: 50

Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

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

[All AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm \(41\)](#)

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

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	50

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

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Contact Mating Area Plating Material Thickness	.2 µm
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin over Nickel
Contact Current Rating (Max)	1 A
Contact Options	Installed

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	3.1 mm[.122 in]

Mechanical Attachment

PCB Mount Retention	With
Mounting Hole Diameter	2.15 mm
Mating Retention	Without
PCB Mount Retention Type	Mounting Hole
Mating Alignment	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PBT
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	88
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>

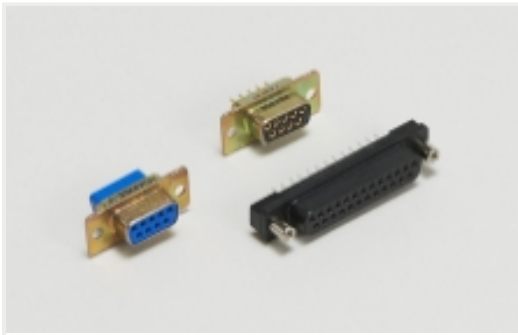
Compatible Parts



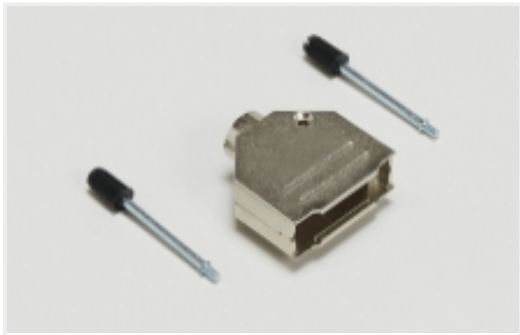
Also in the Series | **AMPLIMITE 0.50 Series**



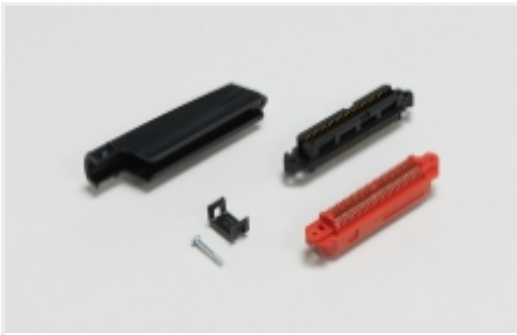
Connector Hardware(6)



D-Shaped Connectors(241)



D-Sub Backshells & Clamps(21)



IDC D-Sub Connectors(69)



Panel Mount D-Sub Connectors(28)

Customers Also Bought



TE Part #6-1676915-3
YR1 0.1% 11K5



TE Part #3-1622796-8
YR1 0.1% 80K6



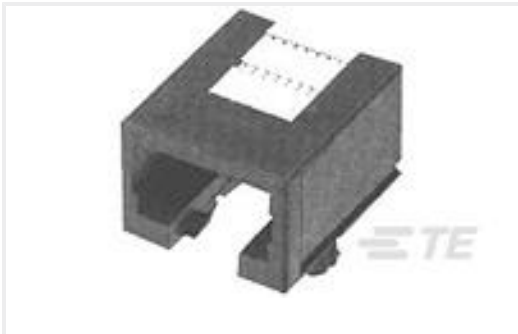
TE Part #5787962-1
.8MM CHAMP STACK RCPT ASSY



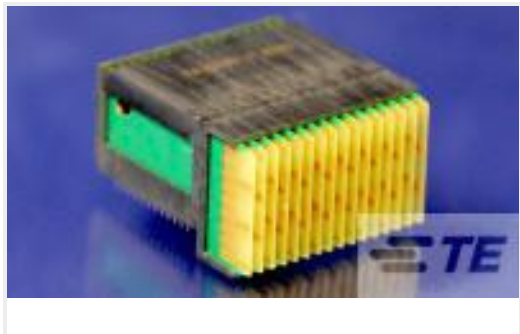
TE Part #5787394-5
50 50SR R/A RCPT ASSY, LD FREE



TE Part #2-1879027-3
YR1 0.1% 806K



TE Part #1-215876-3
6/6 PCB MOD.JACK SE



TE Part #1410968-3
MULTIGIG RT2 7RW RTM DC DF CT



TE Part #1622796-7
YR1 0.1% 115K



TE Part #3-1676914-4
YR1 0.1% 45K3



TE Part #7-1622796-0
YR1 0.1% 162R

Documents



CAD Files

Customer View Model

ENG_CVM_CVM_5173279-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5173279-3_O.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5173279-3_O.2d_dxf.zip

English

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_5173279-3_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5173279-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5173279-3_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Agency Approvals

UL

English