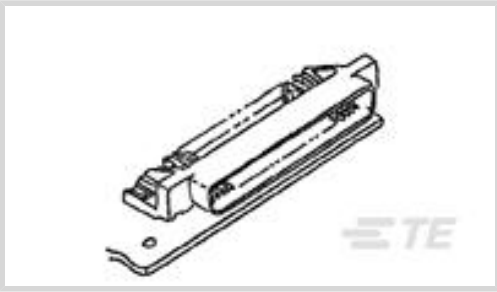




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Plug**

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

Number of Positions: **30**

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

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Number of Positions	30
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Options	Installed
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
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	3.1 mm[.122 in]

Mechanical Attachment

Mounting Hole Diameter	2.6 mm
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Retention Leg
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	.8 – 1.6 mm
Row-to-Row Spacing	2.54 mm[.1 in]

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	128
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: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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

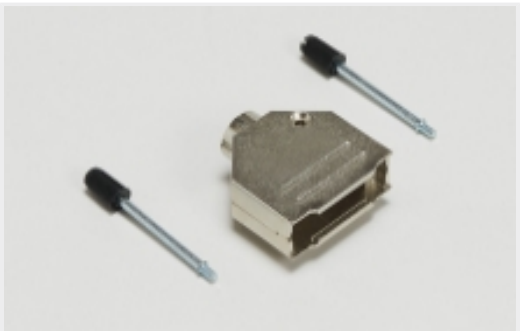
AMPLIMITE 0.50 Series



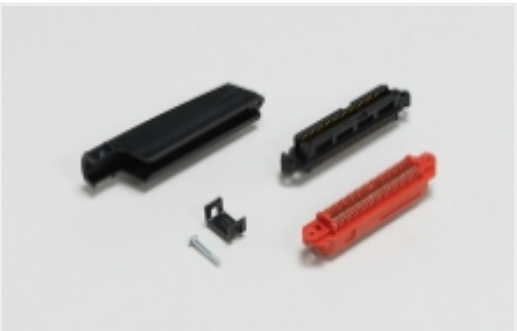
Connector Caps & Covers(20)




Connector Hardware(6)



D-Sub Backshells & Clamps(21)



IDC D-Sub Connectors(69)




PCB D-Sub Connectors(172)

Customers Also Bought



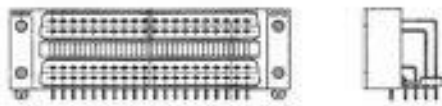
TE Part #ASA021N00210235000
623 PLUG



TE Part #1123677-1
Z-STACK TYPE F16 ASSY 130P



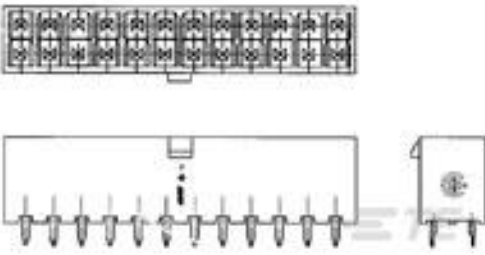
TE Part #5176371-4
VERT RCPT ASSY,100POS,CHAMP050



TE Part #900412-2
PC I/O RETENTION LEG ASSY 80P



TE Part #1-1871673-3
DYNAMIC 1200D HDR ASSY H 6P
BLACK TIN



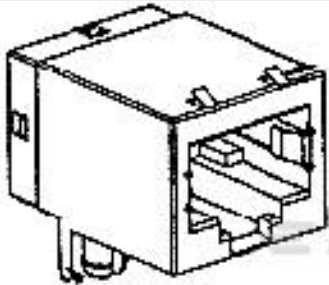
TE Part #2-1586038-2
22P VRT HDR VAL-U-LOK V0



TE Part #1473226-1
SOCKET WITH RING MINI U-M-N-L



TE Part #2229093-1
MOD JACK ASSEMBLY V-TYPE H=21.7mm



TE Part #5558342-3
MJ,8POS,R/A,CAT5,SHLD,PC GND



TE Part #1-2271457-8
D3950 HDR 8POS 1ROW X KEY

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5174217-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5174217-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5174217-1_A.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

Product Specification



English