



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **37**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm \(15\)](#)

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Brass



PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

Termination Features

Termination Post & Tail Diameter	.66 mm[.026 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.32 mm[.17 in]

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	2.36 – 3.18 mm[.093 – .125 in]
Row-to-Row Spacing	2.84 mm[.112 in]

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	7
Packaging Method	Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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: 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

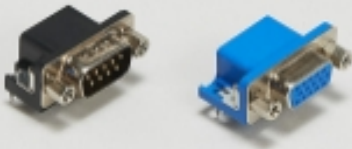
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



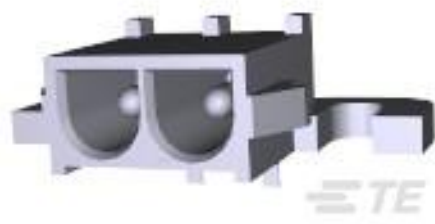
TE Part # 1658614-1
37 POS HDF RCPT, AP, LEAD FREE

Also in the Series | **AMPLIMITE HD-20**



PCB D-Sub Connectors(289)

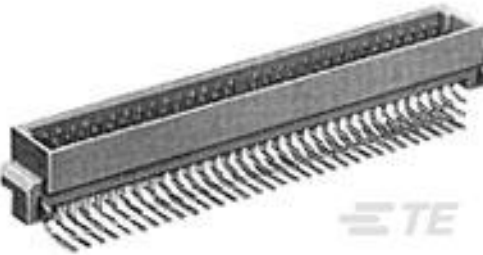
Customers Also Bought



TE Part #1-350942-0
02P UMNL HDR ASSY R/A 94VO



TE Part #2-36150-1
TERM, RING, PIDG, 22-16, 6, T&R



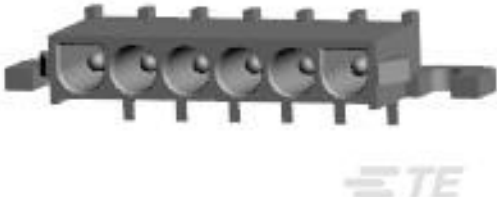
TE Part #5650945-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part #5-1437622-8
KN700A1/4=KNOB ALUM KNURL 1/4



TE Part #2-1437565-8
FSM2JSMAA=TACTILE 260G FORCE S



TE Part #640583-1
06P UMNL HDR ASSY R/A 94VO



TE Part #2-5332070-5
SOCKET,MIN-SPR W/H SN-AU SER-4



TE Part #1-350944-0
04P UMNL HDR ASSY R/A 94VO



TE Part #3-2176343-1
CRGCQ 1206 3K3 1%



TE Part #6-146281-0
10 MODII HDR SRST B/A .100CL

Documents

Product Drawings

HD-20 PLUG 37P VERT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5208009-3_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5208009-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5208009-3_O.3d_stp.zip

English

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

Datasheets & Catalog Pages



AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English