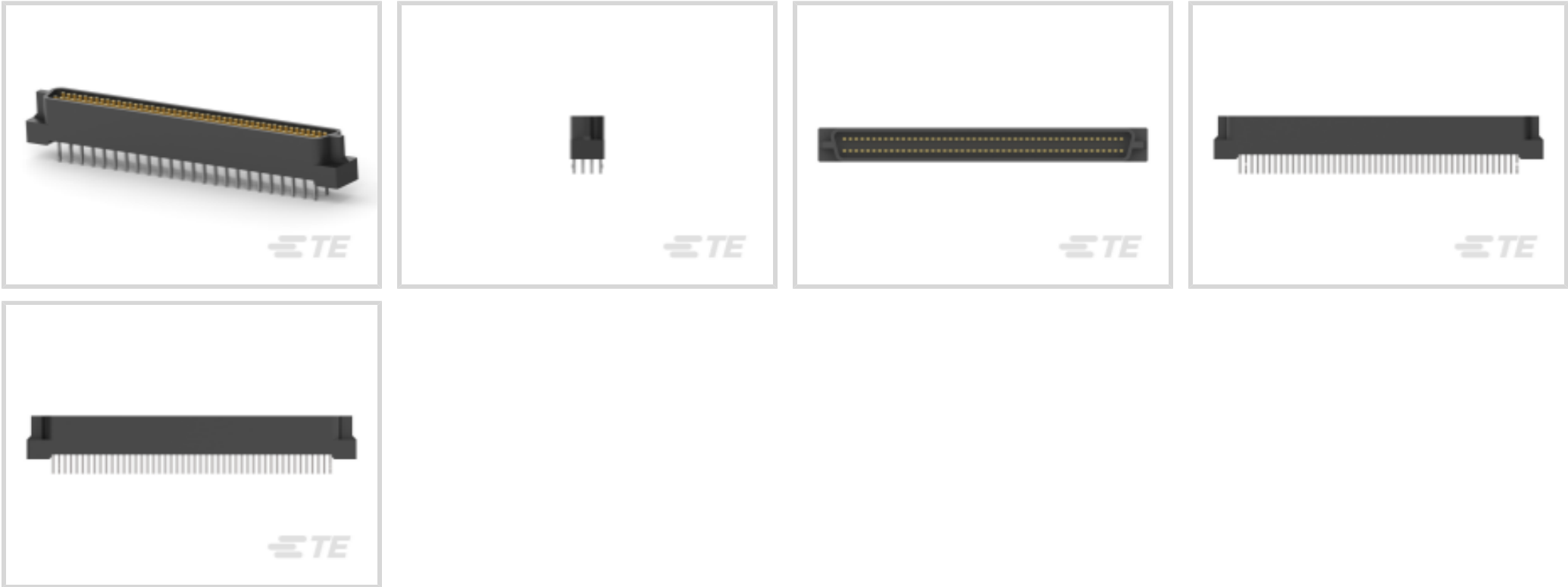




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, 1.27mm



Connector & Housing Type: **Plug**

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

Number of Positions: **96**

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

Number of Rows: **4**

[All D-Sub Plug Assembly: Standard, Vertical, 1.27mm \(24\)](#)

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	96
Number of Rows	4
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

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Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash
PCB Contact Termination Area Plating Material	Tin over Nickel
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Rectangular

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Termination Post & Tail Length	3.1 mm[.122 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]
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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	48
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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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 Backshells(31)

Connector Caps & Covers(21)

Connector Hardware(7)

IDC D-Sub Connectors(64)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(172)

Customers Also Bought



TE Part #5747250-3
09 MSFL PLUG RA 318 (IN,FM)



TE Part #5745781-3
09 MSFL RCPT RA 318 (IN,FM)



TE Part #4-1622820-5
3520 3R3 5%



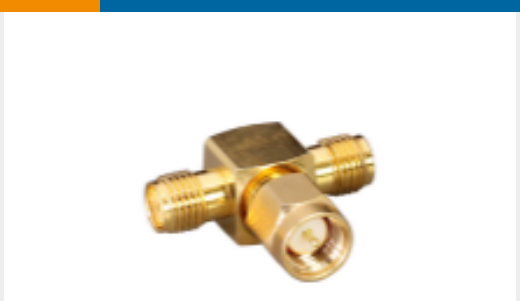
TE Part #5555140-2
MJ,LPF,R/A,6P/4C,SHLD,PNL GRD



TE Part #53874-2
TERMINAL,PG SPD FLG 16-14 8



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



TE Part #ADP-SMAM-SMAF-T-G
SMA Plug to SMA Jack (2) Tee



TE Part #YDTS26F13-35SNV001
PLUG ASSY



TE Part #L9000333-01
2.4 Jack to 2.92 Plug

Documents

Product Drawings

AMPLIMITE.050 CAP ASS'Y (V) 96P PB-FREE

English

CAD Files

Customer View Model

ENG_CVM_CVM_5174683-8_O.3d_igs.zip

English

Customer View Model



[ENG_CVM_CVM_5174683-8_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5174683-8_O.2d_dxf.zip](#)

English

3D PDF

3D

3D PDF

English

Customer View Model

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Customer View Model

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Customer View Model

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English

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Agency Approvals

UL

English