

750961-1 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 750961-1

PCB D-Sub Connectors, Plug, Cable-to-Board, 50 Position, 1.27 mm

[.05 in] Centerline, 2 Row, Rectangular, Standard Profile,

AMPLIMITE 0.50 Series

[View on TE.com >](#)



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



Connector & Housing Type: **Plug**

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

Number of Positions: **50**

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

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Right Angle, 1.27mm \(13\)](#)

Features

Product Type Features

Shell Type	All Plastic
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Bracket Material	Zinc
Bracket Plating Material	Nickel over Copper
Post Plating Material	Tin-Lead over Nickel
Connector Profile	Standard



.2 in

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
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Contact Underplating Material	Palladium Nickel
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Contact Base Material	Phosphor Bronze
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Contact Shape & Form	Rectangular
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Contact Current Rating (Max)	1 A
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30 μ m

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post Length	2.85 mm [.112 in]
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Mechanical Attachment

PCB Mount Alignment	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Boardlock
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Mating Retention	With
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Mating Retention Type	Threaded Insert
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Connector Mounting Type	Board Mount
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Mating Alignment	Without
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.109 in

Housing Features

Centerline (Pitch)	1.27 mm [.05 in]
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Housing Material	Polyester
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Housing Color	Black
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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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tube, Tube
Packaging Quantity	10

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not lead free process capable

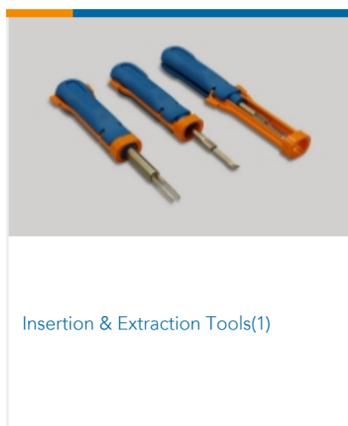
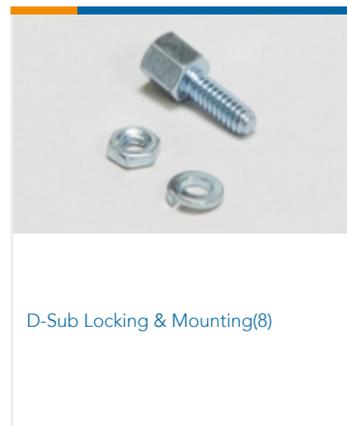
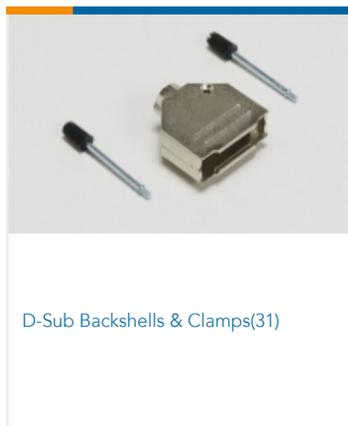
Product Compliance Disclaimer

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



Documents

Product Drawings

50 50SR R/A PLUG ASSY W/BL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_750961-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_750961-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_750961-1_E.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

Product Environmental Compliance

Product Compliance

English

Agency Approvals

UL

English