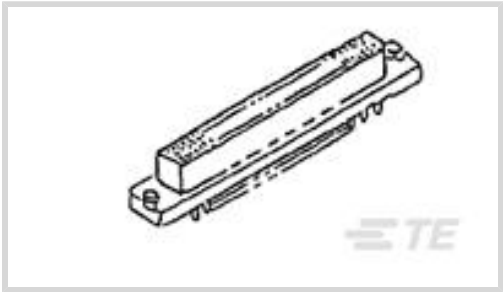




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > AMPLIMITE D-Sub Recpt: Vertical, 1.27mm



Connector & Housing Type: **Plug**

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

Number of Positions: **60**

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

Number of Rows: **2**

[All AMPLIMITE D-Sub Recpt: Vertical, 1.27mm \(45\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	60
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Post Plating Material	Tin over Nickel
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Phosphor Bronze
Contact Shape & Form	Square
Contact Current Rating (Max)	1 A
	30 µin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.1 mm[.122 in]

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

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

Dimensions

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

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	Tray
Packaging Quantity	80

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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**



D-Sub Backshells & Clamps(31)

D-Sub Covers(20)

D-Sub Locking & Mounting(8)

IDC D-Sub Connectors(76)

Insertion & Extraction Tools(1)

PCB D-Sub Connectors(191)

Customers Also Bought

TE Part #106014-1
Z-PACK/B RAMH.125P.

TE Part #767054-1
MICT,RECPT,38,ASSY,PDNI

TE Part #204504-1
RECEPT ASSY,SZ 3,AMPLIMITE

TE Part #206509-1
SIZE 20 KEYING PLUG

TE Part #601966-1
CRIMPING TOOL M22520/2-01

TE Part #826646-2
AMPMODU II R/A HEADER

TE Part #1-103908-3
14 MTE HDR SRST LATCH W/HLDWN

TE Part #448007-1
3 ROW BOX PIN 180 POS R/A

TE Part #601967-4
TURRET M22520/1-03

Documents



Product Drawings

AMPLIMITE.050 PLUG ASS'Y (V) 60P PB-FREE

English

CAD Files

Customer View Model

ENG_CVM_6-5174215-4_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_6-5174215-4_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_6-5174215-4_A1.2d_dxf.zip

English

3D PDF

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

Product Environmental Compliance

TE Material Declaration

English