6-5174215-2 ✔ ACTIVE

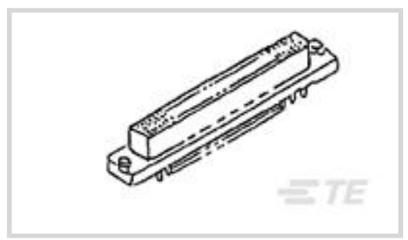
AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 6-5174215-2

AMPLIMITE 0.50 Series, PCB D-Sub Connectors, Plug, Cable-to-Board, 40 Position, 1.27mm [.05in] Centerline, 2 Row, Row-to-Row Spacing 2.54 mm [.1 in]

View on TE.com >

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



Connector & Housing Type: **Plug**

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

Number of Positions: **40**

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

Number of Rows: **2**

All AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm (50)

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	40
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]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	120

Product Compliance

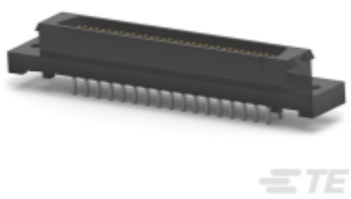
For compliance documentation, visit the product page on TE.com>

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

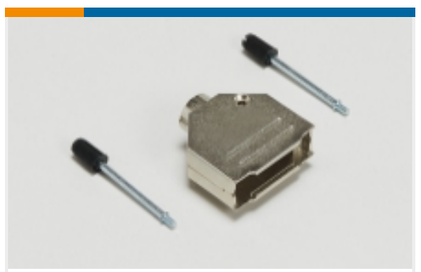
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-020-DPAV127
D-Sub Plug Assembly: Standard, Vertical, 1.27mm

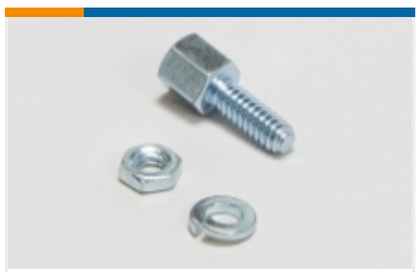
Also in the Series | AMPLIMITE 0.50 Series



D-Sub Backshells & Clamps(31)



D-Sub Covers(20)



D-Sub Locking & Mounting(8)



IDC D-Sub Connectors(77)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(196)

Customers Also Bought



TE Part #1-1617146-4
JMGACD-26P = M39016/18-036P



TE Part #8-1617600-5
PRMGSPDD-26Y=RELAY



TE Part #1617146-1
JMGACD-12L = M39016/18-034L



TE Part #5-5179233-1
Free Height Receptacle Conn: Board-Board, Vertical, 40, 0.8mm



TE Part #2-1617088-4
3SAM6015M2 = RELAY



TE Part #445531-3
RECPT ASSY, ARINC 404

TE Part #448260-1
ARINC 777 SZ 3 ASSY



TE Part #448541-1
PIN,PCB,SZ 8,ARINC-TRIAX



TE Part #1617033-9
HFW1206F00 = HFW 1/2 SIZE RELA



TE Part #448540-2
PIN PCB,SZ 8,COAX(ARINC-TRIAX)

Documents

CAD Files

Customer View Model

ENG_CVM_6-5174215-2_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_6-5174215-2_A1.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_6-5174215-2_A1.3d_igs.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