

6-5173277-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

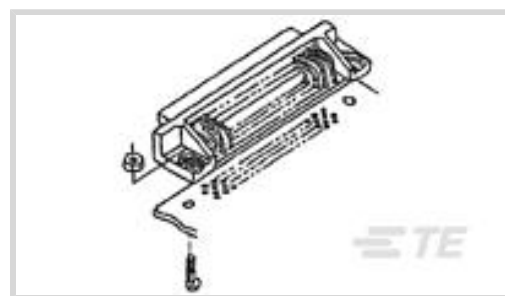
TE Internal #: 6-5173277-2

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

[View on TE.com >](#)



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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **40**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, 1.27mm \(76\)](#)

Features

Product Type Features

Shell Type	All Plastic
Connector & Housing Type	Receptacle
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	Right Angle

Body Features

Post Plating Material	Tin over Nickel
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze



Contact Shape & Form	Square
Contact Current Rating (Max)	1 A
	30 μ m

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	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
Mounting Hole Diameter	2.15 mm

Housing Features

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

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	Tray
Packaging Quantity	104

Other

Comment	To mount connector to pc board, use M2 screws and nuts (not supplied).
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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: JUN 2018 (191) 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

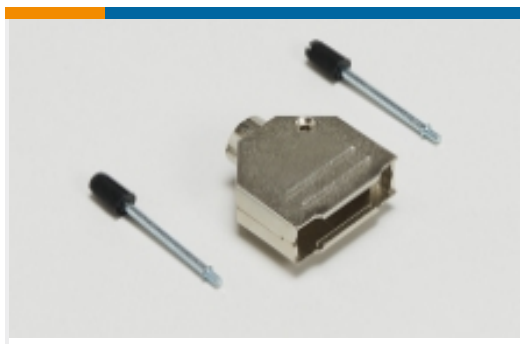
Product Compliance Disclaimer

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(77)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(196)

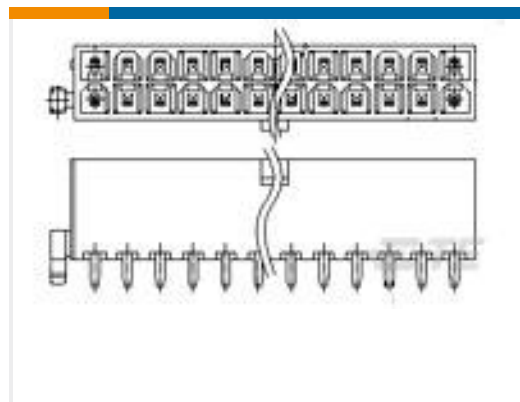
Customers Also Bought



TE Part #1-2199298-6
DIP Socket: Low Profile, Stamped & Formed, Open, Tin



TE Part #1-1469491-2
MULTIGIG RT GUIDE PIN, 9MM 2.60



TE Part #1-1775099-3
ATX PWR CONN 1 BDLK 24 POS



TE Part #1-1658528-1
636-1030LF=FEM SKT BLADE POL 1



TE Part #9-1879333-1
CPF0402 200K 0.1% 25PPM 5K RL



TE Part #1617121-6
JMAC-18XP = M39016/9-061P



TE Part #1-2176217-0
CPF A 0805 30R 0.1% 25PPM 1K RL



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



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



TE Part #1355348-1
MQS, CONNECTOR HOUSING

Documents



Product Drawings

AMPLIMITE 050 PLUG ASSH H 40P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6-5173277-2_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-5173277-2_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-5173277-2_O.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English