

2-5174341-5 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 2-5174341-5

PCB D-Sub Connectors, Plug, Cable-to-Board, 68 Position, 1.27 mm

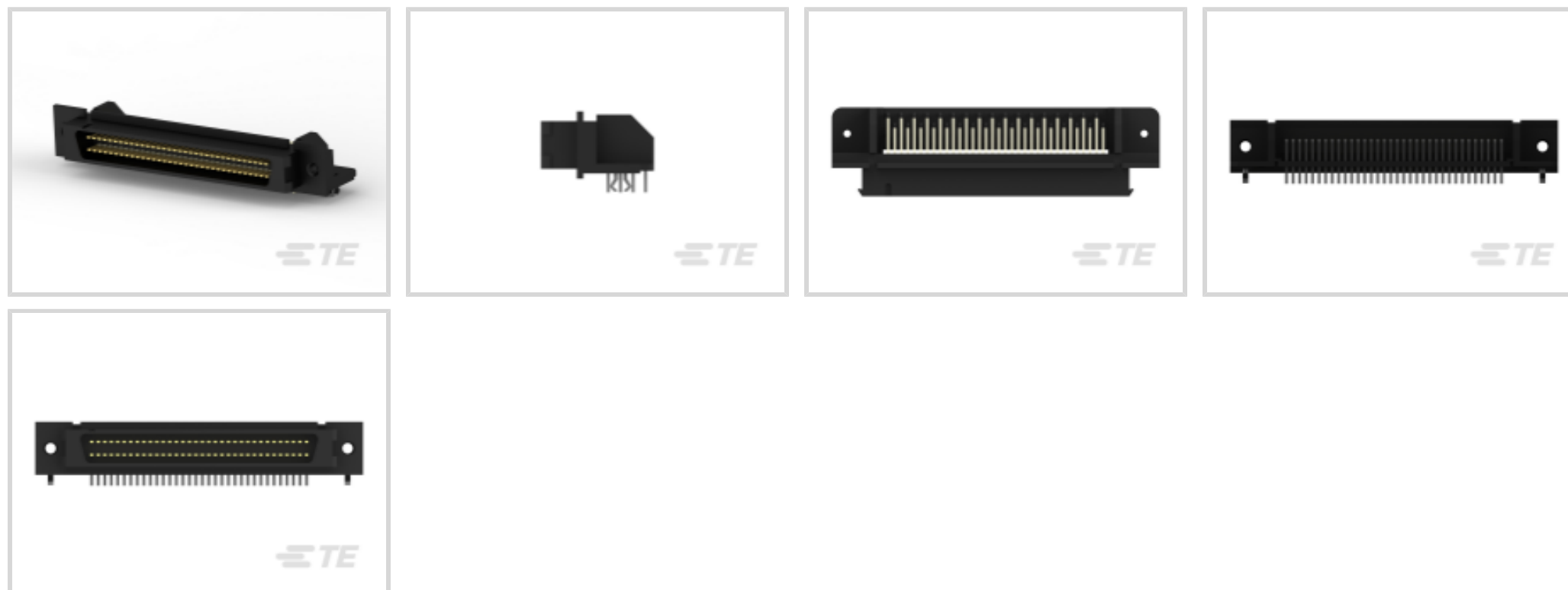
[.05 in] Centerline, 4 Row, Square, Standard Profile, AMPLIMITE

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: **68**

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

Number of Rows: **4**

[All D-Sub Plug Assembly: Standard, Right Angle, 1.27mm \(7\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	68
Number of Rows	4
PCB Mount Orientation	Right Angle

Body Features

Shield Plating Material	Nickel over Copper
Shield Material	Zinc
Shell Plating Material	Nickel over Copper



Primary Product Color	Black
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Connector Profile	Standard
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Contact Features

	30 μ m
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Contact Mating Area Plating Material	Gold
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PCB Contact Termination Area Plating Material	Tin over Nickel
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Contact Base Material	Phosphor Bronze
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Contact Shape & Form	Square
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Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
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Rectangular Termination Post & Tail Width	.45 mm[.017 in]
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Termination Post & Tail Length	2.9 mm[.114 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
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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	Without
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Connector Mounting Type	Board Mount
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Housing Features

Shell Material	Zinc
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Housing Material	PBT
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Centerline (Pitch)	1.27 mm[.05 in]
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Operation/Application

Shielded	Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	4
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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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



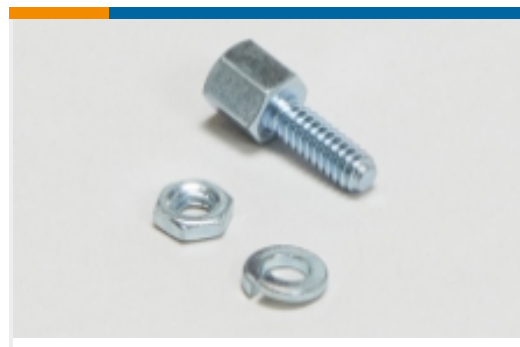
Also in the Series | [AMPLIMITE 0.50 Series](#)



Connector Backshells(31)



D-Sub Covers(20)



D-Sub Locking & Mounting(8)



IDC D-Sub Connectors(66)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(172)

Customers Also Bought



TE Part #207825-9
CPC RCPT ASSEMBLY SIZE 11-4



TE Part #440054-7
AMP HPI 2.0 mm Headers



TE Part #5-104078-1
20 SYSTEM 50 RCPT ASSY DRST SN



TE Part #1-332433-0
TERMINAL,PIDG PTFE R AU 22-20 6



TE Part #2-2176390-8
RQ 1206 2K21 0.1% 10PPM 5K RL



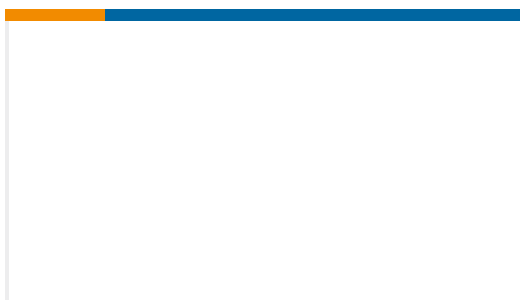
TE Part #1-640389-0
10P MTA156 HDR ASSY SQ R/A F/L



TE Part #264813-000
55A1841-20-MST4-9CS2275



TE Part #275925-000
CWT-3806-W2



TE Part #9-1414778-5
RESOLVER V23401-D4010-C101

Documents



Product Drawings

68P S-MINI-MITE CAP HDR R-LEG

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_2-5174341-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_2-5174341-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-5174341-5_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English