2-5174341-5 ✔ ACTIVE

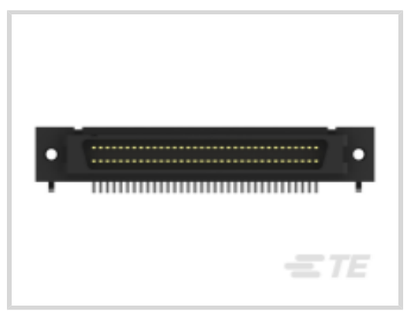
AMPLIMITE | AMPLIMITE 0.50 Series

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

Grounding Indents	Without
Grounded	No
Grounding Straps	Without
Post Plate Material	Thermoplastic
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	68

Number of Rows	4
PCB Mount Orientation	Right Angle

Body Features

Retention Leg Material	Nickel
Post Plating Material	Tin over Nickel
Retention Leg Plating Material	Brass
Connector Profile	Standard
Shell Plating Material	Nickel over Copper
Shield Material	Zinc
Shell Material	Zinc
Shield Plating Material	Nickel over Copper

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Square
	30 µin

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	2.9 mm[.114 in]

Mechanical Attachment

PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Connector Mounting Type	Board Mount
Mating Retention Type	Latch
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]

Operation/Application

Circuit Application	Signal

Industry Standards

Post Plate Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	4

Product Compliance

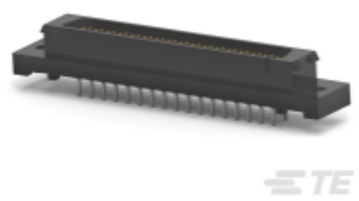
For compliance documentation, visit the product page on TE.com>

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 2023 (233) 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



TE Part # 5174339-5
AMPLIMITE 050 SRS CONTACT

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(178)

Customers Also Bought

TE Part #5787170-9
100 50SR R/A RCP ASSY,RDSN L/F

TE Part #1-749812-1
KIT,RCPT,15P,HDP-20

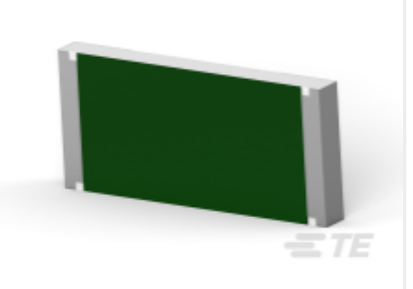
TE Part #1932788-1
MICRO USB, TYPE B, REVERSE

TE Part #5406298-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT4

TE Part #2204529-2
ELCON MINI 3P RA HEADER,SOLDER, STANDARD

TE Part #2-1625867-5
RP 1J 0.166W 11R 0.1% 25PPM 1K RL

TE Part #2335889-1
AMPLIMITE SZ 1 PLUG. 9 POS, ST STL SHELL



TE Part #8-2176403-5
3550 3K3 1%

TE Part #3-2176328-7
CRGP 1206 10K 1%

TE Part #1857308-6
Female, universal power module, M2,5

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