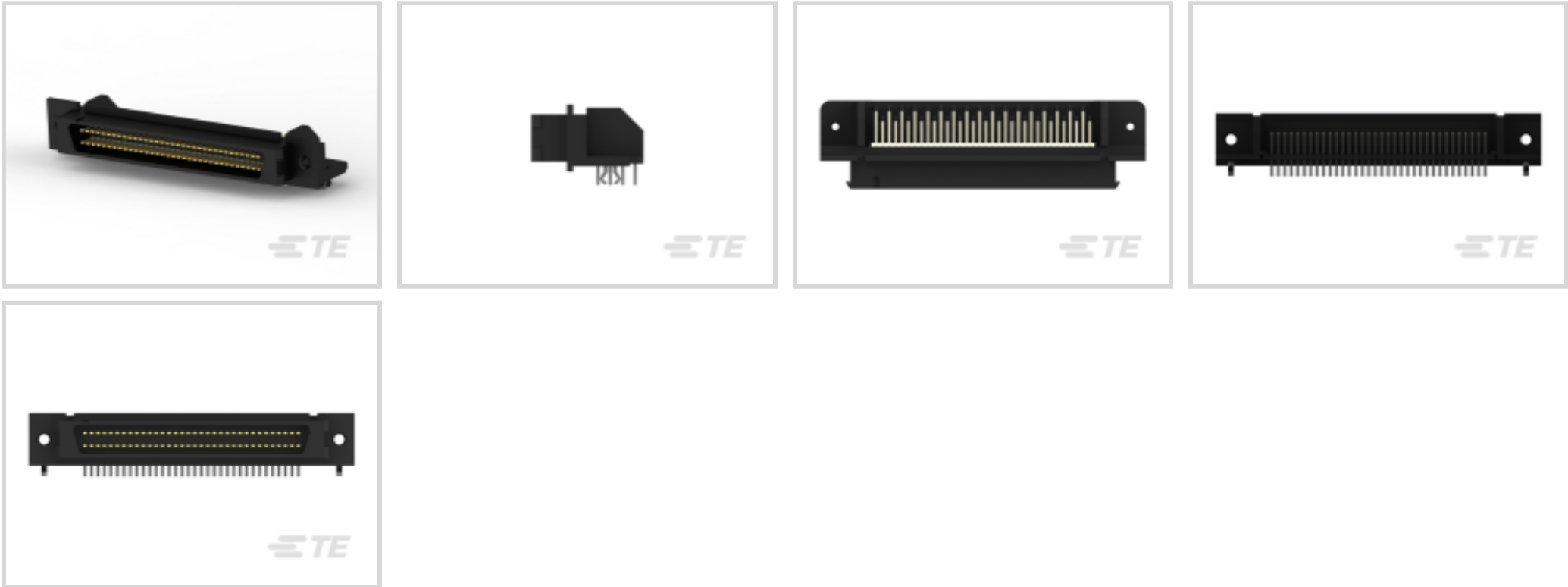




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Right Angle, 1.27mm



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

Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
|                                               | 30 µin          |
| Contact Shape & Form                          | Square          |
| Contact Options                               | Installed       |
| Contact Mating Area Plating Material          | Gold            |
| Contact Base Material                         | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin over Nickel |

Product Type Features

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

Configuration Features

|  |  |
|--|--|
|  |  |
|--|--|



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

Housing Features

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

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
|--------------------|----------------|

Body Features

|                         |                    |
|-------------------------|--------------------|
| Connector Profile       | Standard           |
| Shield Plating Material | Nickel over Copper |
| Shield Material         | Zinc               |
| Shell Plating Material  | Nickel over Copper |
| Primary Product Color   | Black              |

Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| PCB Mount Retention      | With        |
| PCB Mount Retention Type | Boardlock   |
| Mating Retention         | Without     |
| Connector Mounting Type  | Board Mount |
| Mating Alignment         | Without     |
| PCB Mount Alignment      | Without     |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded            | Yes    |

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Termination Features

|                                               |                       |
|-----------------------------------------------|-----------------------|
| Rectangular Termination Post & Tail Width     | .45 mm[.017 in]       |
| Rectangular Termination Post & Tail Thickness | .4 mm[.015 in]        |
| Termination Method to PCB                     | Through Hole - Solder |



Termination Post & Tail Length

2.9 mm[.114 in]

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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 2024 (241)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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                                                                                                    |

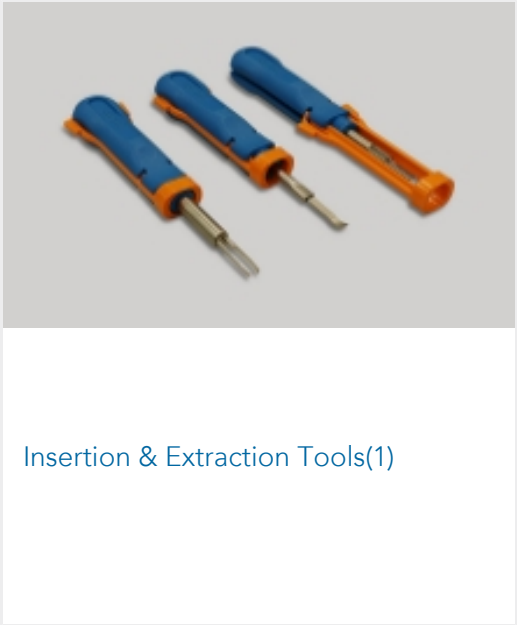
Product Compliance Disclaimer

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**



Customers Also Bought





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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English