

5745001-2 ✓ ACTIVE



## AMPLIMITE

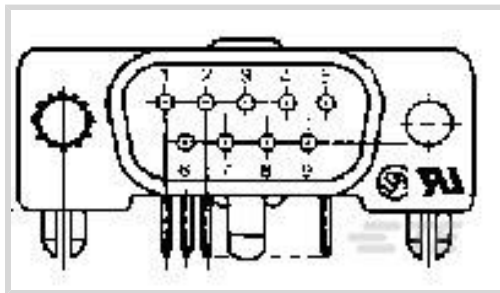
TE Internal #: 5745001-2

Plug, Board-to-Board, 9 Position, 2.74 mm [.108 in] Centerline, 2 Row, 1 Connector Shell Size, Square, Standard Profile, PCB D-Sub Connectors

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[Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors >](#)

[D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm](#)



Connector & Housing Type: **Plug**

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

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm \(53\)](#)

## Features

### Mechanical Attachment

	.125 in
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Connector Mounting Type	Panel Mount & Board Mount

### Contact Features

	30 µin
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A
Contact Underplating Material	Palladium Nickel
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin

### Product Type Features

Connector & Housing Type	Plug
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Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board
Shell Material Configuration	All Plastic

### Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Right Angle

### Housing Features

Centerline (Pitch)	2.74 mm [.108 in]
Housing Material	Thermoplastic

### Dimensions

Row-to-Row Spacing	2.84 mm [.112 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]

### Body Features

Connector Profile	Standard
Primary Product Color	Black

### Operation/Application

Circuit Application	Signal
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm [.125 in]
Square Termination Post & Tail Dimension	.63 mm [.025 in]

### Industry Standards

UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	17
Packaging Method	Tube

## 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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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

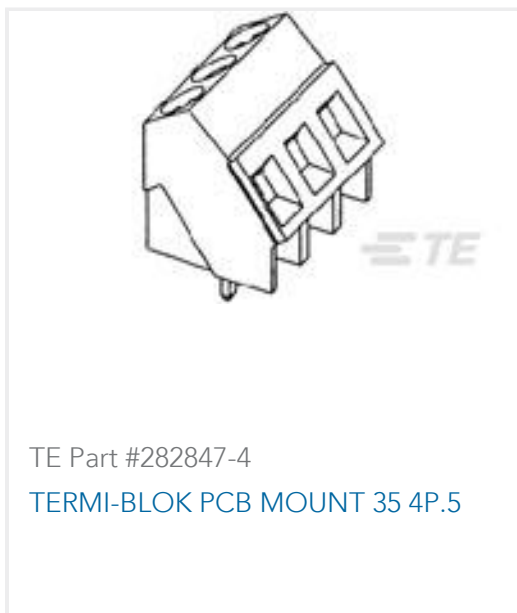
### Product Compliance Disclaimer

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



## Customers Also Bought



## Documents

### Product Drawings

[HDJ PLUG 9P RA 590](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5745001-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5745001-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5745001-2\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL Report](#)

English