

5788458-1 ✓ ACTIVE

**AMPLIMITE**

TE Internal #: 5788458-1

PCB D-Sub Connectors, Plug, Board-to-Board, 37 Position, 2.77 mm [.109 in] Centerline, 2 Row, 4 Connector Shell Size, Round, Standard Profile

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **37**

Centerline (Pitch): **2.77 mm [.109 in]**

Number of Rows: **2**

[All D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm \(28\)](#)

## Features

### Product Type Features

Shell Material Configuration	Front Metal Shell
Ground Feature Type	Grounding Indents
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical

### Body Features

Shell Plating Material	Tin over Copper
Primary Product Color	Black
Connector Profile	Standard

### Contact Features

	30 μin
Contact Mating Area Plating Material	Gold



Contact Underplating Material	Nickel, Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Shape & Form	Round

### Termination Features

Rectangular Termination Post & Tail Thickness	.63 mm[.025 in]
Rectangular Termination Post & Tail Width	.86 mm[.034 in]
Termination Post & Tail Length	5.8 mm[.228 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

### Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail, Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount

### Housing Features

Shell Material	Carbon Steel
Housing Material	Nylon GF, Polyester GF
Centerline (Pitch)	2.77 mm[.109 in]

### Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
Row-to-Row Spacing	2.84 mm[.112 in]

### 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 Quantity	52
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 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

### 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



TE Part #5106015-1  
Z-PACK/A RAMH.110P



TE Part #8-215079-4  
MICRO-MATCH FOB.14P



TE Part #5050864-6  
SOCKET,MIN-SPR SN SER-3



TE Part #6609032-4  
2VR3=F7197 S0



TE Part #5650918-5  
ASSY,PIN,EUROCARD,TYPE R/2,LEA



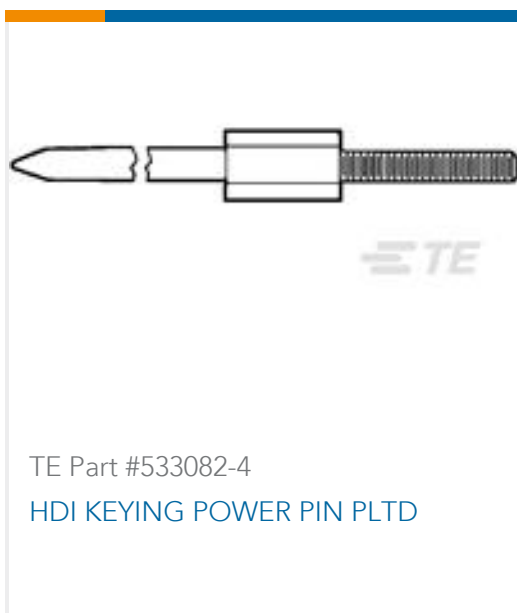
TE Part #5223986-5  
UPM KEYED GUIDE MODULE



TE Part #62650-1  
250 FASTON TAB TPBR



TE Part #5-1437648-7  
4PCV-02-006=4PCV ASSEMBLY



TE Part #533082-4  
HDI KEYING POWER PIN PLTD



TE Part #364899-E  
STVE 48 M ACE GGG 4-00 1006 \* 8392  
247 E

## Documents

### Product Drawings

#### 37 PLUG ACT PIN/MS MED

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5788458-1\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5788458-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5788458-1\\_B.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages



## AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

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### Product Specifications

#### Application Specification

English

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### Agency Approvals

#### UL Report

English