



**AMP-IN**

TE Internal #: 172520-3

Board-In PCB Mount One-Piece Crimp Connector, Vertical, Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, Discrete Wire, Natural, 4 A, Signal

[View on TE.com >](#)

Connectors > PCB Connectors > Board-In Connectors



PCB Connector Type: **PCB Mount One-Piece Crimp Connector**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

Centerline (Pitch): **2.5 mm [.098 in]**

**Features**

**Product Type Features**

PCB Connector Type	PCB Mount One-Piece Crimp Connector
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

**Configuration Features**

PCB Mount Orientation	Vertical
Number of Positions	3
Compatible With Wire & Cable Type	Discrete Wire
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VDC
-------------------	---------

**Body Features**

Primary Product Color	Natural
-----------------------	---------

**Contact Features**

--	--



Contact Current Rating (Max)	4 A
------------------------------	-----

### Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
--------------------	------------------

Housing Material	Nylon 66
------------------	----------

### Dimensions

Wire Size	30 – 26 AWG
-----------	-------------

### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
-----------------------------	-----------------------------

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Industry Standards

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

### Packaging Features

Packaging Quantity	2000
--------------------	------

Packaging Method	Bag
------------------	-----

## 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
---	---

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
--	---

Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	--

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



TE Part # 172782-5  
LOW PROFILE MINI AMP-IN



TE Part # 172781-4  
LOW PROFILE MINI AMP-IN  
(AWG#30-#26)Y-TY



TE Part # 172782-7  
LOW PROFILE MINI AMP-IN



TE Part # 172781-3  
LOW PROFILE MINI AMP-IN  
(AWG#30-#26)X-TY

## Customers Also Bought



TE Part #172520-4  
LOW PRO MINI AMP-IN HDR 4P



TE Part #172782-7  
LOW PROFILE MINI AMP-IN



TE Part #338095-6  
MICRO-MATCH COSIHSG



TE Part #926476-4  
2X4P MODU 4 HSG.



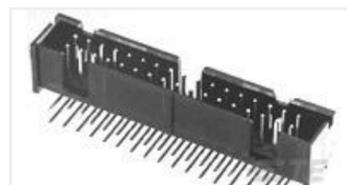
TE Part #926476-5  
MOD 4 HSG



TE Part #8-1437653-0  
6PCV-16-006=6PCV ASSEMBLY



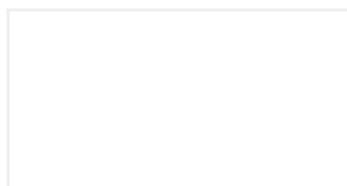
TE Part #3-1825910-2  
FSM16JAH=6MM TACT SWITCH,  
HIGH TEMP



TE Part #5103311-8  
A/L LOW PRO HDR 40P RA BLACK



TE Part #1-1734742-2  
.5 FPC VT ZIF Type-A 12 CONT



TE Part #GA20K3A171  
DISC- 20KOHMS +- 5% AT 25

## Documents



### Product Drawings

#### LOW PRO MINI AMP-IN HDR 3P

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_172520-3\\_G1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_172520-3\\_G1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_172520-3\\_G1.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_172520-3\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_172520-3\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_172520-3\\_E.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

### Product Specifications

#### Application Specification

English

#### Application Specification

English

### Agency Approvals

#### UL Report

English

#### UL Report

English