

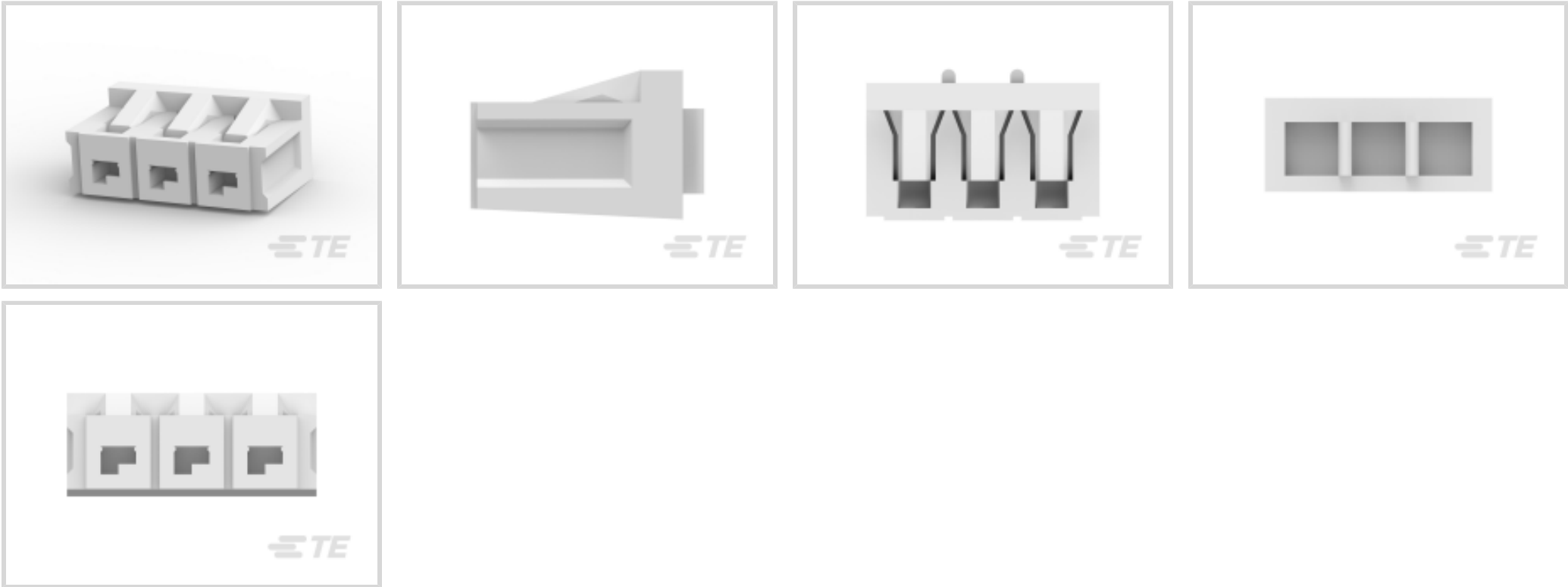


AMP-IN

TE Internal #: 172520-3
Housing, Housing for Male Terminals, Wire-to-Board, 3 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Natural, Wire & Cable, Signal

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Housing for Male Terminals**
Connector System: **Wire-to-Board**
Number of Positions: **3**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Housing for Male Terminals |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

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

Contact Features

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



| | |
|------------------------------|-------|
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 4 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | 66 Nylon |
| Centerline (Pitch) | 2.5 mm[.098 in] |

Dimensions

| | |
|-----------|----------------|
| Wire Size | .05 – .125 mm² |
|-----------|----------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|------------------------|----------|
| Agency/Standard | UL |
| 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 | 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) SVHC > Threshold: |



Melamine (3% in Component Part)

Article Safe Usage Statements:
Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

| | |
|---------------------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 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 #284844-1 12 POS MCP HYBRID MALE CONN AS | TE Part #DT04-4P-EP04 REC, 4P, GRY, N, CAP | TE Part #5039944006 SRFR-7.8/4.6-8-SP | TE Part #180453-2 FF 312 REC 1-2.5MM2 TPBR |



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

Product Environmental Compliance
MD_172520-3_05122014118_dmtec
English
MD_172520-3_05122014118_dmtec
English

Agency Approvals
UL Report
English