

172781-4 ✓ ACTIVE

AMP-IN

TE Internal #: 172781-4

Connector Contact, Pin, Wire-to-Board / Wire-to-Wire, 30 – 26

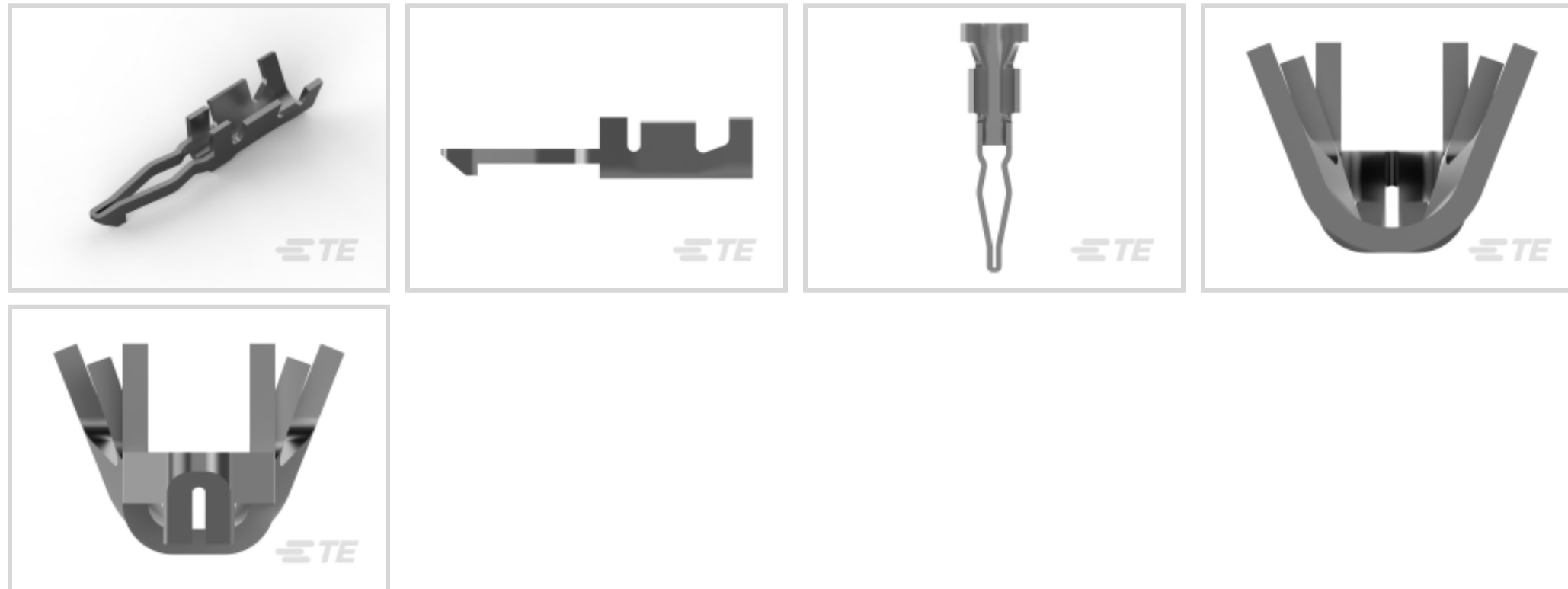
AWG Wire Size, .05 – .15 mm² Wire Size, Tin, Strip, Wire & Cable, 2

A / 2.5 A, Signal

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: Pin

Connector System: Wire-to-Board, Wire-to-Wire

Wire Size: .05 – .15 mm²

Contact Mating Area Plating Material: Tin

Features

Product Type Features

| | |
|-----------------------------------|-----------------------------|
| Connector System | Wire-to-Board, Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

| | |
|-----------------------|---------|
| Insulation Resistance | 1000 MΩ |
|-----------------------|---------|

Contact Features

| | |
|---|----------------|
| Mating Tab Width | .5 mm [.02 in] |
| Wire Contact Termination Area Plating Thickness | 2 μm |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 2 μm |
| Contact Base Material | Brass |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Tin |
| Contact Current Rating (Max) | 2 A, 2.5 A |



Termination Features

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

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Wire Insulation Support | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Dimensions

| | |
|--|------------------------------|
| PCB Hole Diameter | .79 mm[.031 in] |
| Accepts Wire Insulation Diameter Range | 1.1 – 1.8 mm[.043 – .071 in] |
| Wire Size | .05 – .15 mm ² |

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 25000 |
| Packaging Method | Strip |

Other

| | |
|---------|--------------------------------------|
| Comment | Machine applied applicator required. |
|---------|--------------------------------------|

Product Compliance


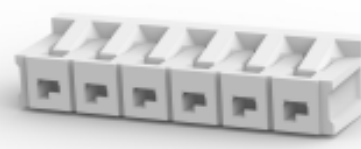
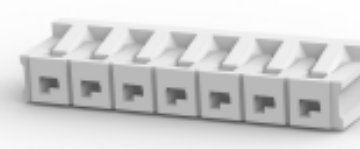


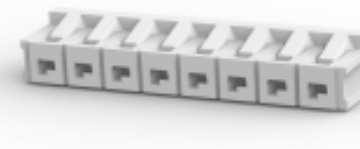


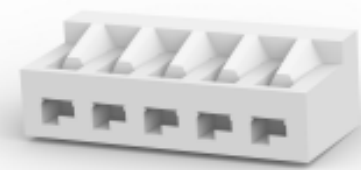
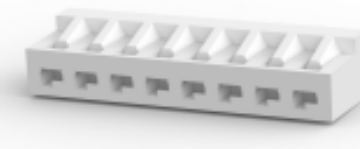

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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

| | | | |
|---|--|--|--|
|  <p>TE Part # 172520-5 5P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172520-6 6P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172520-7 7P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172520-4 LOW PRO MINI AMP-IN HDR 4P</p> |
|  <p>TE Part # 1-172520-0 10P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172520-3 LOW PRO MINI AMP-IN HDR 3P</p> |  <p>TE Part # 172520-8 8P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172520-2 2P 2.5MM MINI AMP-IN HDR HSG</p> |
|  <p>TE Part # 172520-9 9P 2.5MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172890-5 5P 2MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 172890-8 8P 2MM MINI AMP-IN HDR HSG</p> |  <p>TE Part # 1-172520-1 LOW PRO AMPIN 11P</p> |



Customers Also Bought



Documents

Product Drawings

LOW PROFILE MINI AMP-IN (AWG#30-#26)Y-TY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172781-4_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_172781-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172781-4_F.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

Crimping of Low Profile, Mini AMP-IN* Terminals

Japanese

Application Specification

Japanese