

172782-5 ✓ ACTIVE

AMP-IN

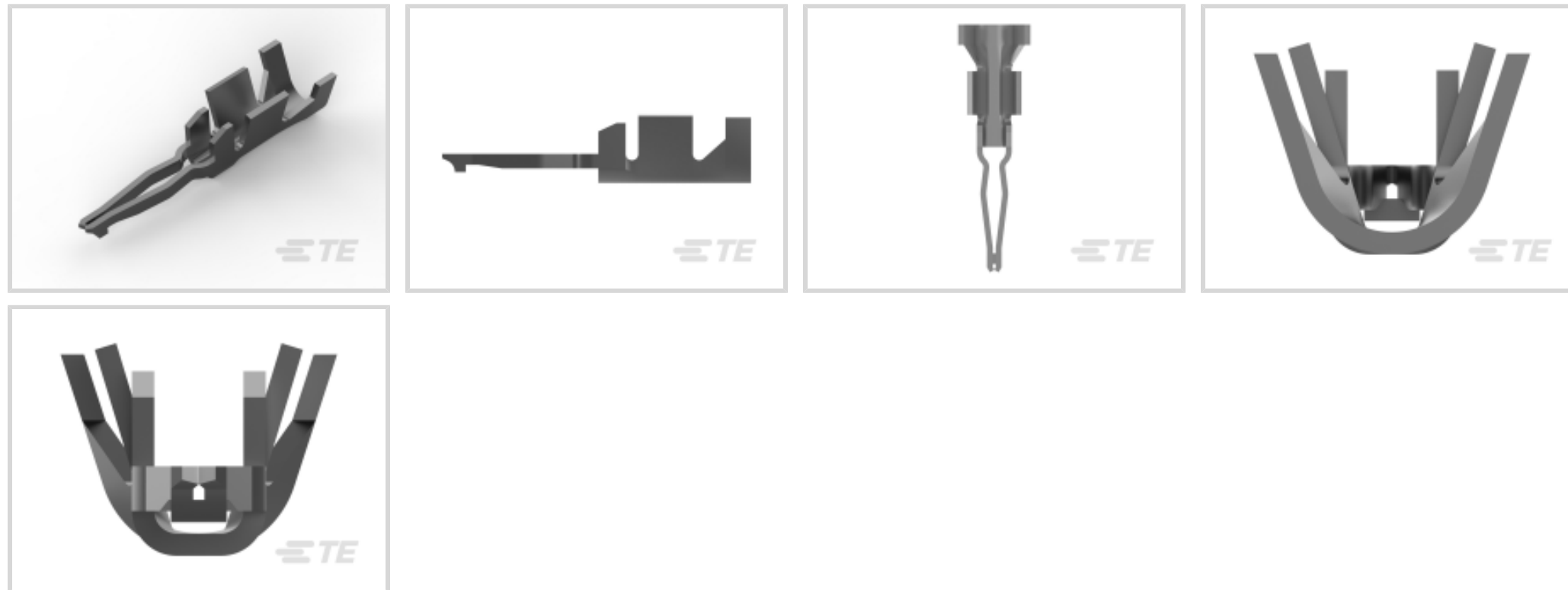
TE Internal #: 172782-5

Pin Contact, Tin, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size,
Crimp, Brass, Signal, -40 – 221 °F [-40 – 105 °C]

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin**

Wire Size: **.12 – .4 mm²**

Features

Electrical Characteristics

Insulation Resistance	1000 MΩ
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Contact Features

Mating Tab Width	.5 mm[.02 in]
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	2.5 A, 4 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.4 – 1.5 mm[.055 – .059 in]
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Wire Size	.12 – .4 mm ²
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	20000
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Packaging Method	Strip
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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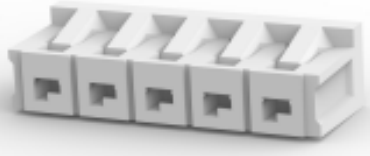
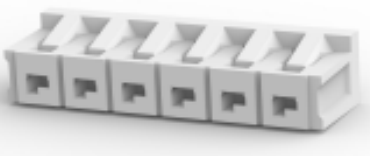















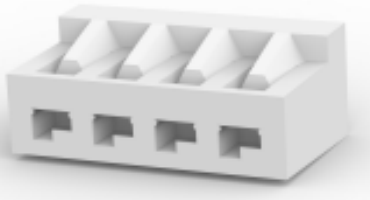

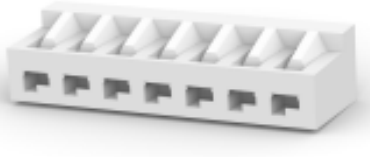
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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Product Compliance Disclaimer

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 # 172520-4 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 # 172520-7 7P 2.5MM MINI AMP-IN HDR HSG</p>	 <p>TE Part # 1-172520-1 LOW PRO AMPIN 11P</p>
 <p>TE Part # 1-172520-3 LOW PRO MINI AMP-IN HDR 13P</p>	 <p>TE Part # 1-172520-4 LOW PRO MINI AMP-IN HDR 14P</p>	 <p>TE Part # 1-172890-2 12P 2MM MINI AMP-IN HDR HSG</p>	 <p>TE Part # 172890-2 2P 2MM MINI AMP-IN HDR HSG</p>
 <p>TE Part # 172890-3 3P 2MM MINI AMP-IN HDR HSG</p>	 <p>TE Part # 172890-4 4P 2MM MINI AMP-IN HDR HSG</p>	 <p>TE Part # 172890-6 6P 2MM MINI AMP-IN HDR HSG</p>	 <p>TE Part # 172890-7 7P 2MM MINI AMP-IN HDR HSG</p>

Customers Also Bought



Documents

Product Drawings

LOW PROFILE MINI AMP-IN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_172782-5_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172782-5_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172782-5_N.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

172782-5

Pin Contact, Tin, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size, Crimp, Brass, Signal,
-40 – 221 °F [-40 – 105 °C]

