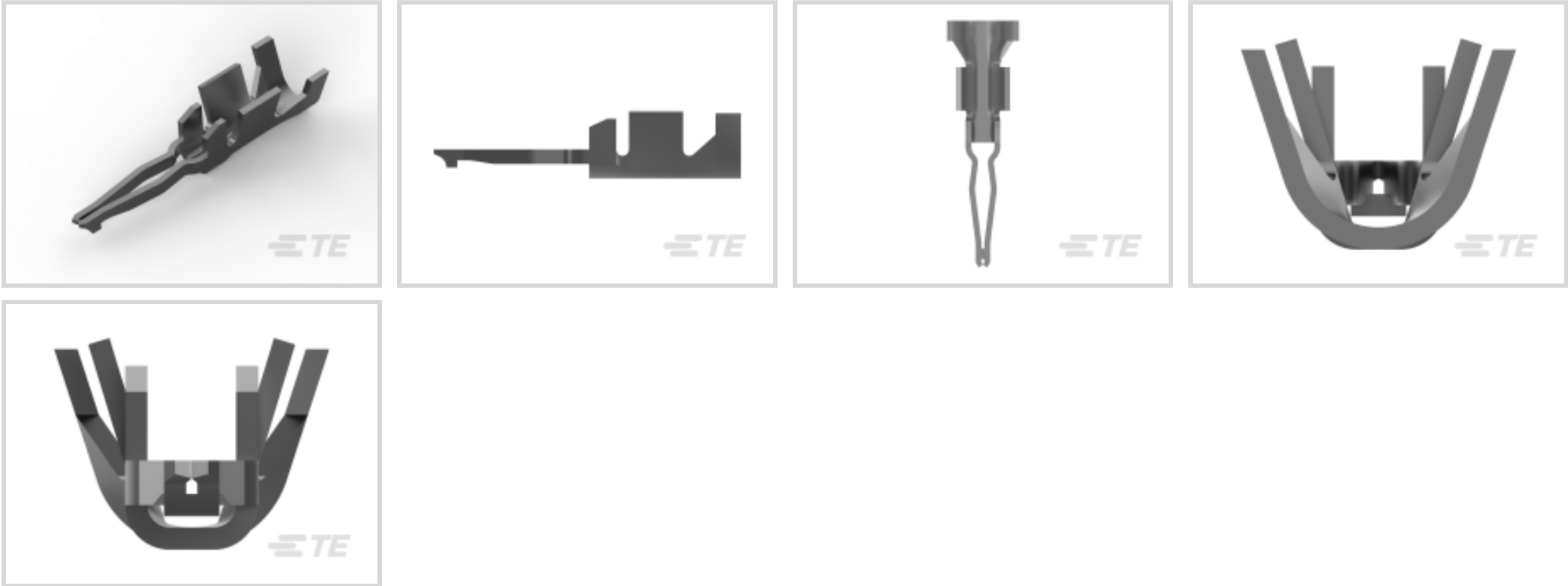




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
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 (Sn)
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 mm²
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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 Method	Strip
Packaging Quantity	20000

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 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	Wave solder capable to 265°C

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 # 2-172520-5
LOW PRO MINI AMP IN 5P BLACK



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 172520-9
9P 2.5MM MINI AMP-IN HDR HSG



TE Part # 755405-1
SAHT LOW PROFILE MINI AMP 30-22 ASSY



TE Part # 2-172520-3
LOW PRO MINI AMP IN 3P BLACK



TE Part # 4-172520-3
LOW PRO MINI AMP IN 3P BLUE



TE Part # 172520-2
2P 2.5MM MINI AMP-IN HDR HSG



TE Part # 172520-8
8P 2.5MM MINI AMP-IN HDR HSG



TE Part # 172520-5
5P 2.5MM MINI AMP-IN HDR HSG



TE Part # 172890-2
2P 2MM MINI AMP-IN HDR HSG



TE Part # 172890-7
7P 2MM MINI AMP-IN HDR HSG



TE Part # 172890-5
5P 2MM MINI AMP-IN HDR HSG



TE Part # 1-172520-1
LOW PRO AMPIN 11P



TE Part # 1-172520-2
12P 2.5MM MINI AMP-IN HDR HSG



TE Part # 1-172520-3
LOW PRO MINI AMP-IN HDR 13P



TE Part # 2238190-1
LOW PROFILE MINI AMP-IN SM



TE Part # 1-172890-2
12P 2MM MINI AMP-IN HDR HSG



TE Part # 172520-6
6P 2.5MM MINI AMP-IN HDR HSG



TE Part # 172520-3
LOW PRO MINI AMP-IN HDR 3P



TE Part # 2151246-1
OCEAN_2.0_APPLICATOR-S-048F062F-RSM

Customers Also Bought



TE Part #170140-6
187 FASTON,FLAG,REC.,16-20 AWG, TPBR

TE Part #172520-5
5P 2.5MM MINI AMP-IN HDR HSG

TE Part #179975-1
250 PL EX REC. 15-10AWG PTBR

TE Part #643313-1
06P UMNL STR/REL

TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M

TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE

TE Part #1-1744544-1
EP II TPA 11P, BLACK

TE Part #1746978-1
GRACE INERTIA 6.2mm PITCH CAP 3POS

TE Part #2429931-2
RING,M4, DIA 4.3,14-18 AWG,TPBR

TE Part #63606-4
187 FASTON REC 18-14 AWG TPBR

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