



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Wire Size: **.05 – .15 mm²**

Features

Electrical Characteristics

Insulation Resistance	1000 MΩ
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Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Method	Strip
Packaging Quantity	25000

Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .071 in]
Wire Size	.05 – .15 mm ²

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 A, 2.5 A
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Termination Features

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

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

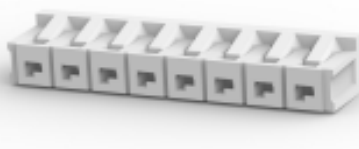
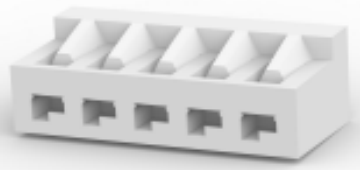
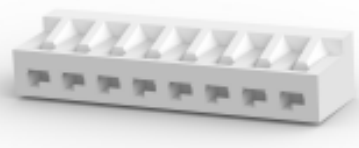
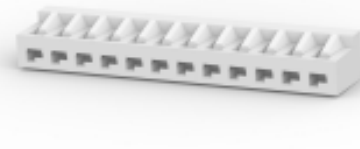
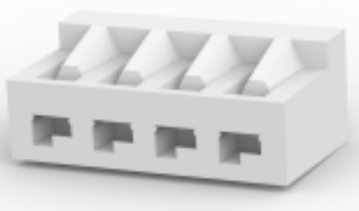
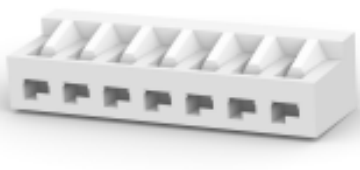
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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

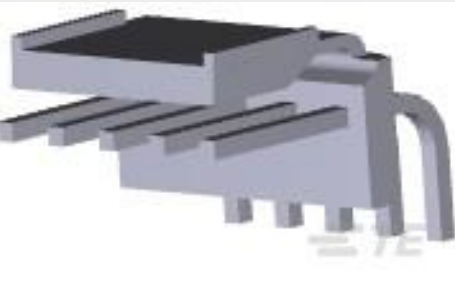
 TE Part # 172520-5 5P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 172520-6 6P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 172520-4 LOW PRO MINI AMP-IN HDR 4P	 TE Part # 172520-3 LOW PRO MINI AMP-IN HDR 3P
 TE Part # 172520-8 8P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 172520-2 2P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 172520-9 9P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 172890-5 5P 2MM MINI AMP-IN HDR HSG
 TE Part # 172890-8 8P 2MM MINI AMP-IN HDR HSG	 TE Part # 172520-7 7P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 1-172520-0 10P 2.5MM MINI AMP-IN HDR HSG	 TE Part # 1-172520-1 LOW PRO AMPIN 11P
 TE Part # 1-172520-3 LOW PRO MINI AMP-IN HDR 13P	 TE Part # 1-172520-4 LOW PRO MINI AMP-IN HDR 14P	 TE Part # 1-172890-2 12P 2MM MINI AMP-IN HDR HSG	 TE Part # 172890-2 2P 2MM MINI AMP-IN HDR HSG
 TE Part # 172890-3 3P 2MM MINI AMP-IN HDR HSG	 TE Part # 172890-4 4P 2MM MINI AMP-IN HDR HSG	 TE Part # 172890-6 6P 2MM MINI AMP-IN HDR HSG	 TE Part # 172890-7 7P 2MM MINI AMP-IN HDR HSG

Customers Also Bought

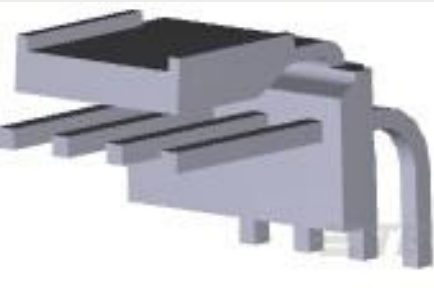




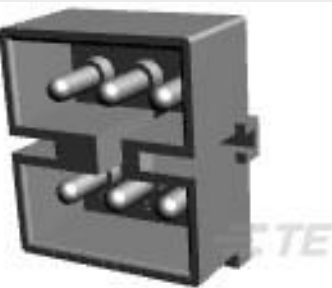
TE Part #1-87227-3
[26 MODII HDR DRST UNSHRD .100](#)



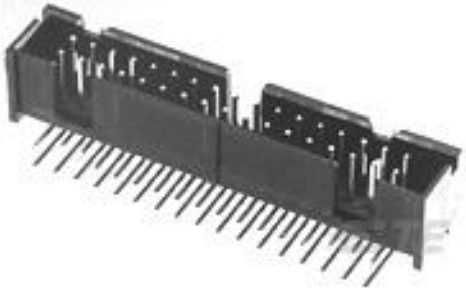
TE Part #3-644613-5
[05P MTA156 HDR RA PO WO PEG LF](#)



TE Part #3-644613-4
[04P MTA156 HDR RA PO WO PEG LF](#)



TE Part #2-1586546-0
[06P CMNL HDR ASSY NATL LF](#)



TE Part #1-103311-2
[060 LOPRO HDR RA 30DP](#)



TE Part #172890-3
[3P 2MM MINI AMP-IN HDR HSG](#)



TE Part #193842-1
[SKT ASSY., 2MM, 12-14 AWG](#)

TE Part #11105496-00
[100 PSI, 1/8FNPT, 20 mV/V, Molex Connect](#)

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

172781-4

Pin Contact, Tin, 30 – 26 AWG Wire Size, .05 – .15 mm² Wire Size, Crimp, Brass,
Signal, -40 – 105 °C [-40 – 221 °F]

