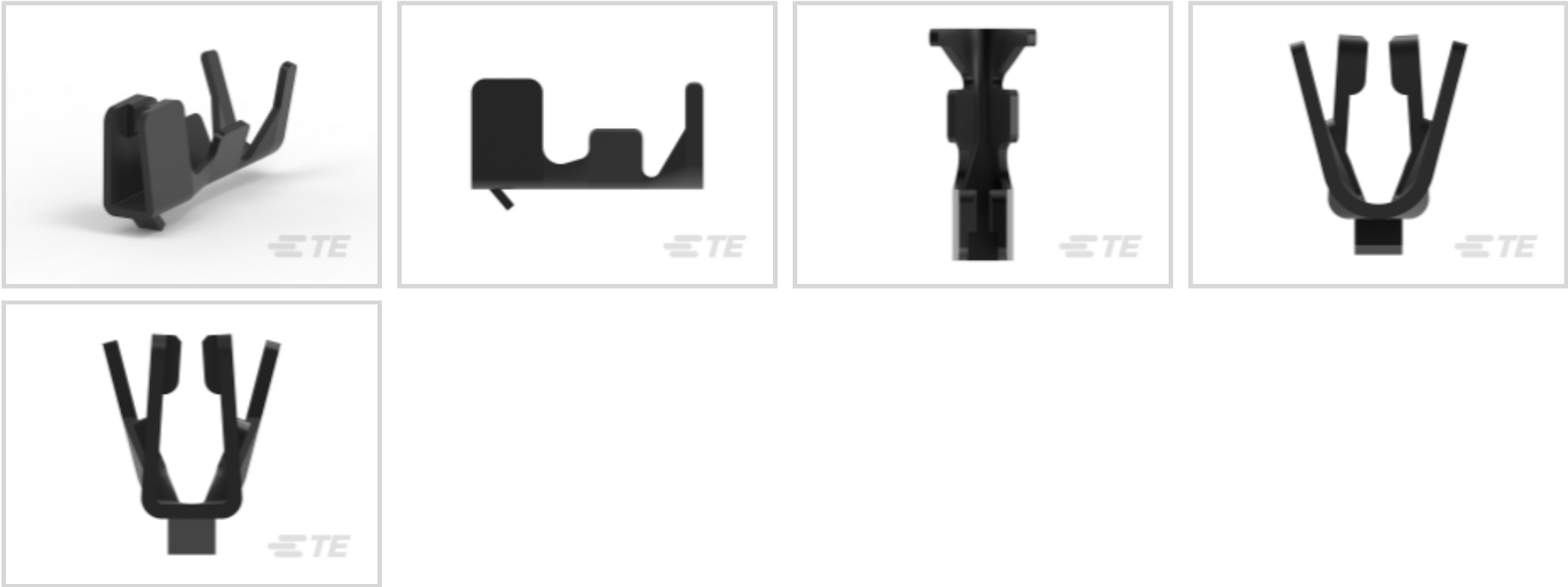




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Wire Size: **.12 – .4 mm²**

Features

Electrical Characteristics

Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2 A

Termination Features

Product Terminates To	Wire & Cable
-----------------------	--------------

Dimensions

Compatible Insulation Diameter Range	1.09 – 1.91 mm[.043 – .075 in]
Wire Size	.12 – .4 mm ²

Usage Conditions

--	--



Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
-----------------------------	---------------------------

Operation/Application

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

Packaging Features

Packaging Method	Strip
Packaging Quantity	7000

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 8-172142-2
REC HSG LOW PROFILE EI 2P



TE Part # 8-172142-4
REC HSG LOW PROFILE EI 4P



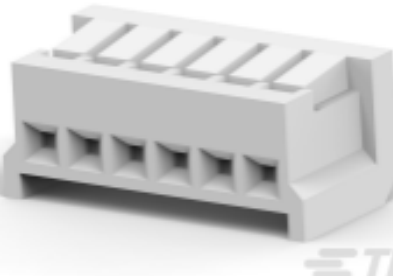
TE Part # 2-172142-5
EIS LOW PROFILE HSG 5P BALCK



TE Part # 2266701-2
OCEAN_2.0_Applicator-S-055F070FA-RSA



TE Part # 2266701-1
OCEAN_2.0_Applicator-S-055F070F-RSM



TE Part # 172142-6
EIS LOW PROFILE HSG 6P NATURAL



TE Part # 8-172142-3
EIS LOW PROFILE HSG 3P RED



TE Part # 6-172142-8
REC HSG LOW PROFILE EI 8P



TE Part # 6-172142-6
REC HSG LOW PROFILE EI 6P



TE Part # 8-172142-8
REC HSG LOW PROFILE EI 8P

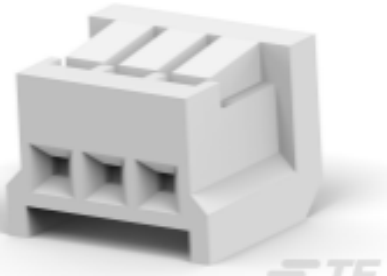


TE Part # 5-172142-0
REC HSG LOW PROFILE EI 10P



KIT
REPRESENTATION ONLY

TE Part # 7-2266701-7
OCEAN_2.0_SPARE_PART_KIT-055F070F



TE Part # 172142-3
EIS LOW PROFILE HSG 3P NATURAL



TE Part # 172142-2
EIS LOW PROFILE HSG 2P NATURAL



TE Part # 172142-5
EIS LOW PROFILE HSG 5P NATURAL



TE Part # 2-172142-6
6P LOW PROF EI REC HSG



TE Part # 2-172142-8
REC HSG LOW PROFILE EI 8P



TE Part # 4-172142-7
REC HSG LOW PROFILE EI 7P



TE Part # 4-172142-8
REC HSG LOW PROFILE EI 8P



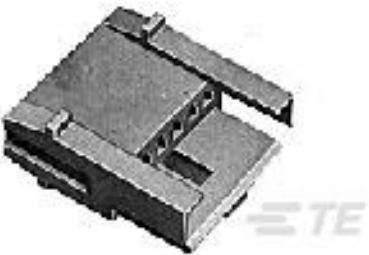
TE Part # 2-172142-9
REC HSG LOW PROFILE EI 9P

Customers Also Bought

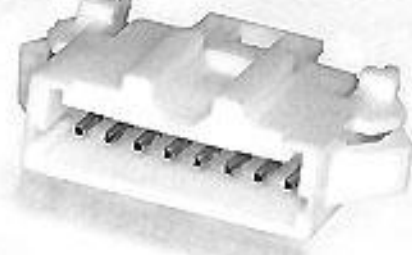




TE Part #CAT-AM7017-H8172
AMP COMMON TERMINATION
HOUSINGS



TE Part #172211-3
EIS CAP HSG FREE HANG 3P
NATUTURAL



TE Part #292215-7
MINI CT SGL RELAY 7P NAT



TE Part #1-172142-0
EIS LOW PROFILE HSG 10P NATURAL



TE Part #179227-1
CRIMP TYPE II REC CONTACT



TE Part #172142-2
EIS LOW PROFILE HSG 2P NATURAL



TE Part #172142-5
EIS LOW PROFILE HSG 5P NATURAL



TE Part #3-917809-2
DYNAMIC D-5 TAB HSG D/R 4P X-Y

Documents

Product Drawings

LOW PROFILE E.I. CONNECTOR

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_170354-1_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_170354-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_170354-1_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773972-5_EIS_Connectors_Brochure

English

Product Specifications

Application Specification

English

Crimping of Low Profile "EI" Series Connector

English



Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Low Profile "EI" Series Connector

Japanese