

EIS CONNECTOR FORMING ✓ ACTIVE

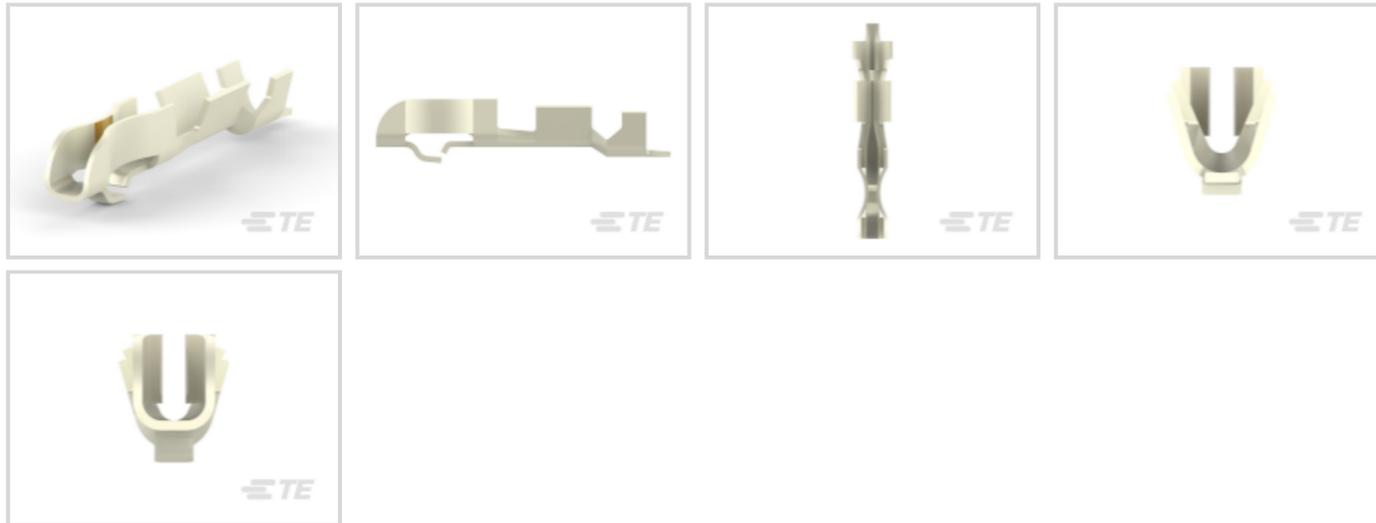
TE Part # 170262-4

TE Internal #: 170262-4

[View on TE.com >](#)



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



Contact Type: **Socket**

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

Wire Size: **.12 – .5 mm²**

Contact Mating Area Plating Material: **Gold**

Features

Product Type Features

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

Electrical Characteristics

Dielectric Withstanding Voltage	750 VAC
Insulation Resistance	500 MΩ
Operating Voltage	250 VAC

Contact Features

Wire Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	2 A
	15 μin

Mechanical Attachment

PCB Mount Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Wire Size	.12 – .5 mm ²
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Insulation Diameter	1.09 – 1.91 mm [.043 – .075 in]
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Usage Conditions

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

Circuit Application	Signal
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For Use With	Standard Profile Housing
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Packaging Features

Packaging Method	Strip
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Packaging Quantity	10000
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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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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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	Not applicable for solder process capability
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished

product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Applicators(4)



Portable Crimp Tools(3)



Spare & Wear Tooling(1)



Wire-to-Board Connector Housings(45)

Customers Also Bought



TE Part #170204-4
170262-4 LP E1CRIMP
SNAP IN



TE Part #1-353047-3
DYNAMIC D-5200S TAB
HSG 3P K/X



TE Part #171822-6
EIS REC. HSG 6P-
NATURAL



TE Part #171822-5
EIS REC. HSG 5P-
NATURAL



TE Part #171822-2
EIS REC. HSG 2P-
NATURAL



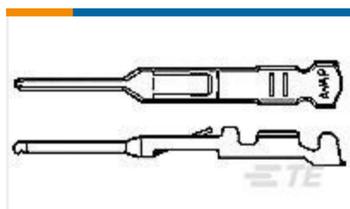
TE Part #175196-3
DYNAMIC D-3 REC CONT
/L AU 0.76



TE Part #175286-3
DYNAMIC D-3 TAB
CONT. L 20-16



TE Part #170262-2
EIS CONTACT



TE Part #170376-3
EIS CONN. PIN CONTACT



TE Part #175285-2
DYNAMIC D-3 TAB
CONT. M 24-20

Documents

[Product Drawings](#)
[EIS CONNECTOR FORMING](#)



English

CAD Files

Customer View Model

[ENG_CVM_CVM_170262-4_N.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170262-4_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170262-4_N.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[1-1773972-5_EIS_Connectors_Brochure](#)

English

Product Specifications

[Crimping of AMP EI Series Connector Contacts](#)

Japanese

[Application Specification](#)

Japanese

Product Environmental Compliance

[MD_170262-4_02272019126_dmtec](#)

English

[MD_170262-4_02272019126_dmtec](#)

English

Instruction Sheets

[AMP "EI" Series Connector](#)

English

[Instruction Sheet \(non U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English