

1827586-2 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 1000 Series](#)

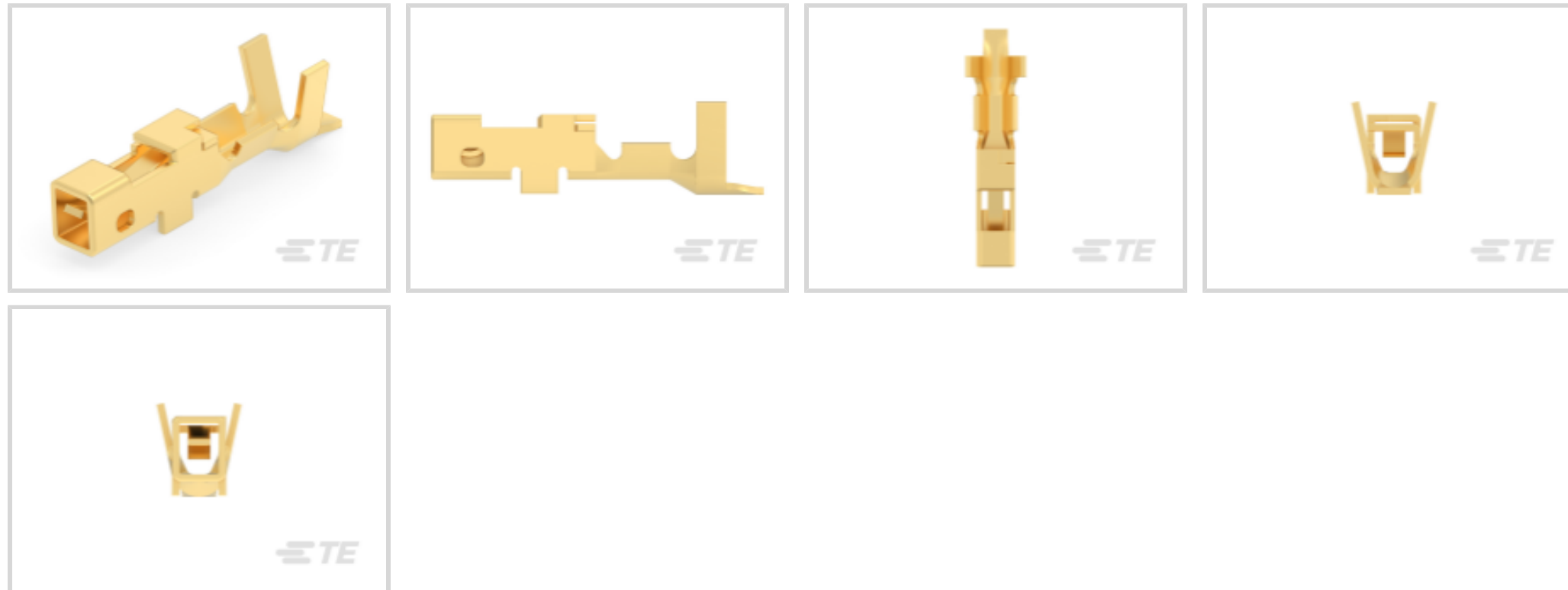
TE Internal #: 1827586-2

Receptacle Contact, Gold, 125 VAC / 250 VAC, 125 VDC / 250 VDC,
30 – 28 AWG Wire Size, .05 – .09 mm² Wire Size, Crimp, Dynamic
1000 Series

[View on TE.com >](#)



[Connectors](#) > [Contacts](#) > [Connector Contacts](#) > [Contact: Component To Wire; 3-5A, 30-18 Wire Size](#)



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Operating Voltage: **250 VDC, 125 VDC**

Wire Size: **30 – 28 AWG**

[All Contact: Component To Wire; 3-5A, 30-18 Wire Size \(30\)](#)

Features

Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	12500

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Tab Thickness	.5 mm[.02 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Barrel Type	Open
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Tab Width	.7 mm[.027 in]
Contact Length	7.9 mm[.311 in]



Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A

Electrical Characteristics

Operating Voltage	250 VDC, 125 VDC
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Termination Features

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

Dimensions

Wire Size	.05 – .09 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 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

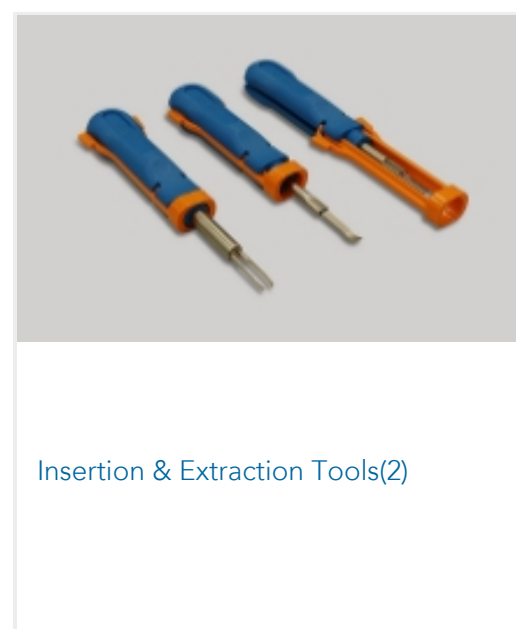
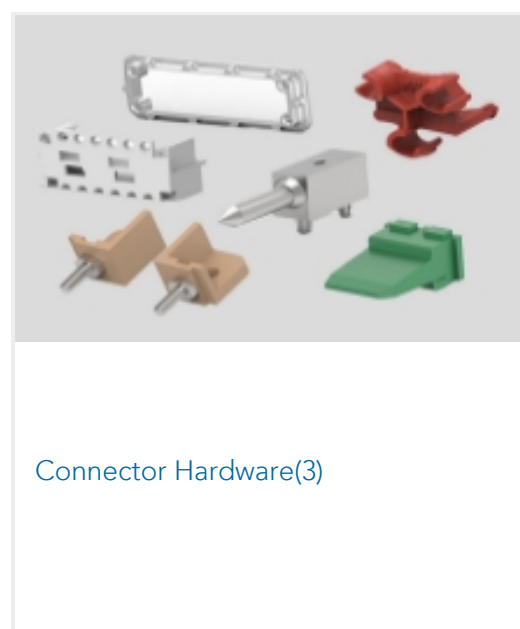
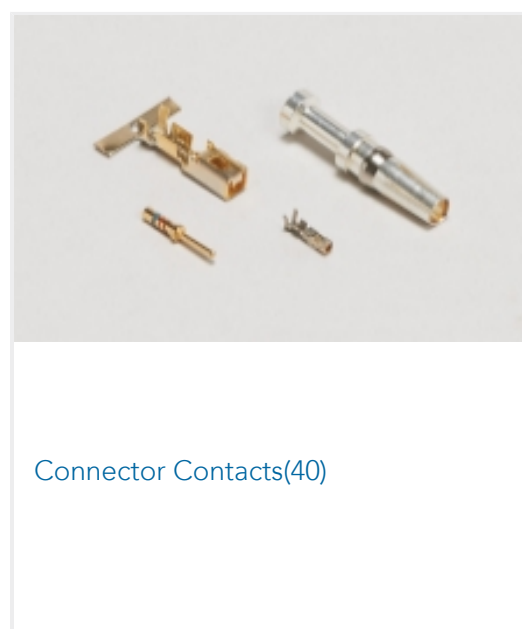


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | Dynamic 1000 Series





Rectangular Connector Housings(2)

Wire-to-Board Connector Assemblies
& Housings(152)

Customers Also Bought

TE Part #1903112-2
DYNAMIC D1000 TAB CONT AU 0.38
um M REELTE Part #1-1827579-1
DYNAMIC 1500T REC HSG 3P X
BLACKTE Part #1887204-1
XT28816 metal clipTE Part #7-1415543-8
V23047-P1024-A501TE Part #1971182-1
Attachment Based on D1500 JCT Box

Documents

Product Drawings

[DYNAMIC D1000 REC CONT S AU 0.38um L/P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1827586-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827586-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827586-2_A.3d_stp.zip](#)

English

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



Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

PEW12 HAND TOOL(D1000-S)

Japanese

Instruction Sheet (non U.S.)

English

MULTIPLE ENCLOSURE 67M D1100 24POS. REC PLUG

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

MULTIPLE ENCLOSURE 67M D1200 15POS. REC PLUG

Japanese

MULTIPLE ENCLOSURE 65M D1100 32POS

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

TUV Certificate

English