

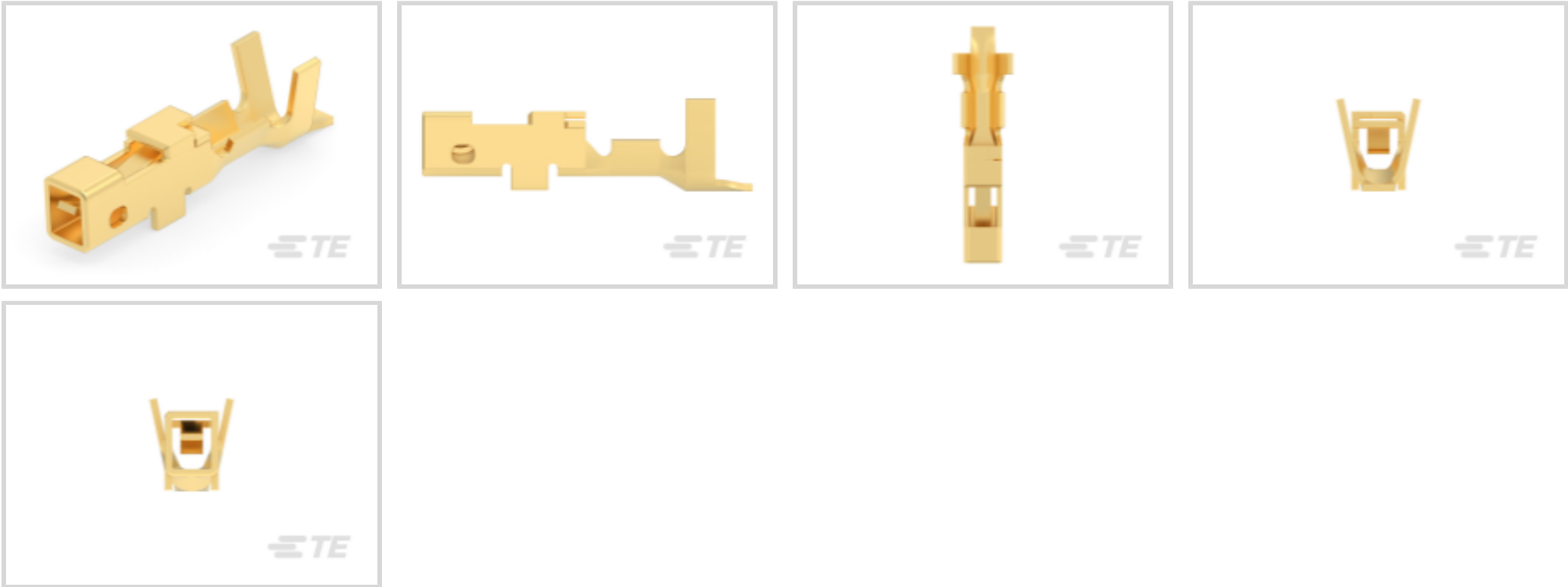


Dynamic Series | Dynamic 1000 Series

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: **125 VDC, 250 VDC**
Wire Size: **30 – 28 AWG**
All Contact: Component To Wire; 3-5A, 30-18 Wire Size (30)

Features

Electrical Characteristics

Operating Voltage	125 VDC, 250 VDC
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Contact Features

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



Contact Current Rating (Max)	5 A
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Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.05 – .09 mm²
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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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Packaging Features

Packaging Quantity	12500
Packaging Method	Bag & Box

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 # 1-1827864-0
DYNAMIC 1200D REC HSG 20P X BLACK

TE Part # 1-1827863-0
DYNAMIC 1100D REC HSG X 40P BL

TE Part # 1891526-1
EXTRACTION TOOL FOR DYNAMIC 1000 SERIES

TE Part # CAT-D9934-A15
Contact: Component To Wire; 3-5A, 30-18 Wire Size

TE Part # 2119144-1
CCII D1000 S REC TAB CONT 30-28 ASSY

TE Part # 2378735-1
SDE F DYNAMIC 1000 28-30 AWG ASSY

TE Part # 2378735-2
SDE F DYNAMIC 1000 28-30 AWG DIE SET

Also in the Series | Dynamic 1000 Series

Connector Contacts(40)

Connector Hardware(3)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(169)

Rectangular Connector Housings(2)

Wire-to-Board Connector Assemblies & Housings(151)

Customers Also Bought



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