



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**

Wire Size: **28 – 22 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 Quantity	6000
Packaging Method	Reel & Box

Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Dimensions

Compatible Insulation Diameter Range	1.08 – 1.6 mm[.042 – .063 in]
Wire Size	.08 – .38 mm ²

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Tab Width	.5 mm[.02 in]
Contact Length	7.9 mm[.311 in]
Mating Tab Thickness	.46 mm[.018 in]
Barrel Type	Open
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
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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

TE Part # 2151082-1
OCEAN_2.0_APPLICATOR-S-046F057F-RSM

TE Part # 2151082-2
OCEAN_2.0_APPLICATOR-S-046F057FA-RSA

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 7-2151082-7
OCEAN_2.0_SPARE_PART_KIT-046F057F

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(152)

Customers Also Bought

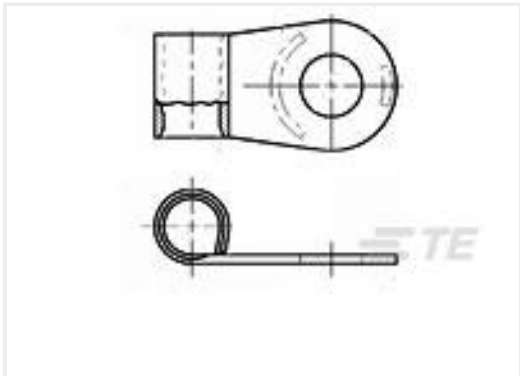




TE Part #1-776163-2
AMPSEAL PCB Right-Angle Headers



TE Part #1-1827863-5
DYNAMIC 1100 REC AND TAB HSG



TE Part #321275
TERMINAL,SOLIS FLAG R 4 1/4



TE Part #2177586-1
8POS NANO MQS TL PLUG HOUSING, CODE A

TE Part #803744-SF
FN9222-6-06

Documents

Product Drawings

DYNAMIC D1000 REC CONT M GOLD 0.76 FORM

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1939991-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1939991-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1939991-2_D.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.)

English

Agency Approvals

TUV Certificate

1939991-2

Receptacle Contact, Gold, 250 VAC, 250 VDC, 28 – 22 AWG Wire Size, .08 – .38 mm² Wire Size, Crimp, Copper Alloy, Signal, Dynamic 1000 Series



English