

1903113-2 ✓ ACTIVE

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

TE Internal #: 1903113-2

Tab Contact, Gold (Au), 250 VAC, 250 VDC, 28 – 22 AWG, .08 – .38 mm² Wire, Crimp, Copper Alloy, Signal, Dynamic 1000 Series

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Contact: Component To Wire; 3-5A, 30-18 Wire Size



Contact Type: **Tab**

Contact Mating Area Plating Material: **Gold (Au)**

Operating Voltage: **250 VDC**

Wire Size: **28 – 22 AWG**

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

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Tab Width	.7 mm[.027 in]
Contact Length	12.95 mm[.509 in]
Mating Tab Thickness	.5 mm[.02 in]
Barrel Type	Open
Contact Type	Tab
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.08 – 1.9 mm [.042 – .074 in]
Wire Size	.08 – .38 mm ²

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	24000
Packaging Method	Reel & 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: JAN 2025 (247) 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 # 2151111-2
OCEAN_2.0_APPLICATOR-S-046F070F-RSA



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



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



TE Part # 2151111-1
OCEAN_2.0_APPLICATOR-S-046F070F-RSM



TE Part # 1-1903131-0
DYNAMIC 1200D TAB HSG 20P P/M



TE Part # 7-2151111-7
OCEAN_2.0_SPARE_PART_KIT-046F070F



TE Part # 2255141-1
MINI SAHT D1000-L



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

Also in the Series | Dynamic 1000 Series



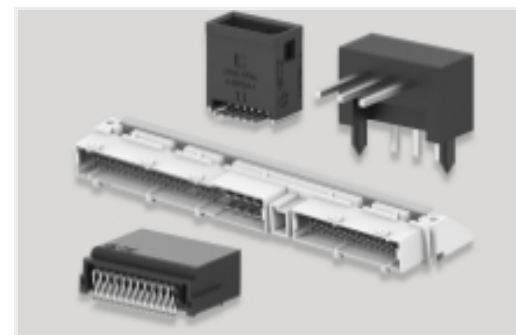
Connector Contacts(40)



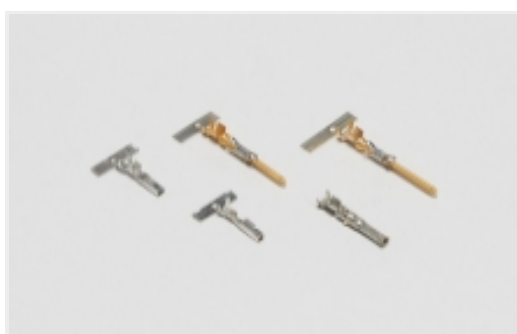
Connector Hardware(3)



Insertion & Extraction Tools(2)



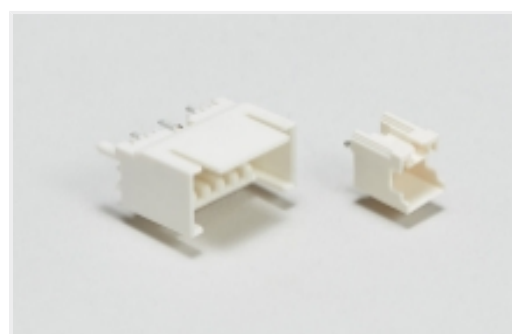
PCB Headers & Receptacles(169)



Power Contacts(9)



Rectangular Power Connectors(115)



Wire-to-Board Headers & Receptacles (169)

Customers Also Bought



Documents

Product Drawings

[DYNAMIC D1000 TAB CONT AU 0.38um L REEL](#)

English

[DYNAMIC D1000 TAB CONT AU 0.38um L REEL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1903113-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903113-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903113-2_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

[MULTIPLE ENCLOSURE 67M D1200 15POS. TAB PLUG](#)

Japanese

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

Japanese

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

Japanese