



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



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VDC**

Wire Size: **22 – 18 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	Reel & Box
Packaging Quantity	6000

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.2 mm[.055 – .087 in]
Wire Size	.34 – .86 mm ²

Contact Features

Contact Orientation	Straight
Mating Tab Thickness	.5 mm[.02 in]
Barrel Type	Open
Mating Tab Width	.7 mm[.027 in]
Contact Length	8.6 mm[.338 in]



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

Electrical Characteristics

Operating Voltage	250 VDC
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Termination Features

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

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 # 1891526-1
EXTRACTION TOOL FOR DYNAMIC 1000 SERIES



TE Part # 2151083-1
OCEAN_2.0_APPLICATOR-S-055F070F-RSM



TE Part # 2151083-2
OCEAN_2.0_APPLICATOR-S-055F070F-RSA



TE Part # 2255142-1
MINI SAHT D1000-2L



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

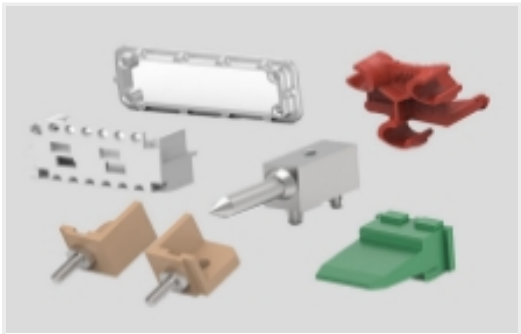


TE Part # 7-2151083-7
OCEAN_2.0_SPARE_PART_KIT-055F070F

Also in the Series | Dynamic 1000 Series



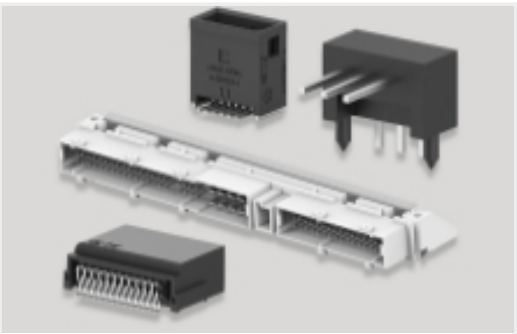
Connector Contacts(40)



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 #1-1827864-0
Receptacle and Tab Housing: 2.5 mm Pitch, 250V

TE Part #1903113-2
DYNAMIC D1000 TAB CONT AU 0.38 um L REEL

TE Part #2-292252-4
CT DOUBLE ROW ASSY V 24P HDR N

TE Part #2388280-5
SLIDE, TAB HSG ASSY, GROUP E

TE Part #2-292252-2
CT DOUBLE ROW ASSY V 22P HDR N

Documents

Product Drawings

DYNAMIC D1000 REC CONT 2L PRE TIN REEL

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1871731-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1871731-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1871731-1_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

English