



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



Contact Type: **Tab**

Contact Mating Area Plating Material: **Tin (Sn)**

Operating Voltage: **250 VDC**

Wire Size: **22 – 18 AWG**

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

Features

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Contact Orientation	Straight
Mating Tab Thickness	.5 mm[.02 in]
Barrel Type	Open
Mating Tab Width	.7 mm[.027 in]
Contact Length	13.65 mm[.509 in]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)
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
-------------------------	------

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.2 mm[.055 – .087 in]
--------------------------------------	------------------------------



Wire Size	.34 – .86 mm²
-----------	---------------

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Method	Reel & Box
Packaging Quantity	24000

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: JAN 2025 (247) 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

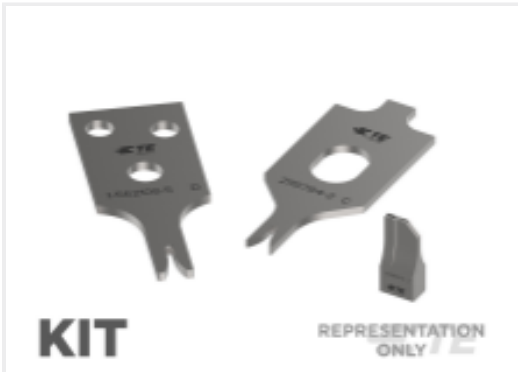
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2151083-2
OCEAN_2.0_APPLICATOR-S-055F070F-RSA



KIT
REPRESENTATION ONLY

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



ANVIL
REPRESENTATION ONLY

TE Part # 3-1729372-5
ANVIL



CRIMPER
REPRESENTATION ONLY

TE Part # 4-1633730-4
CRIMPER, WIRE F .055F



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



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



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



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



CRIMPER
REPRESENTATION ONLY

TE Part # 1633962-9
CRIMPER, INSULATION F PREMIUM

Also in the Series | Dynamic 1000 Series



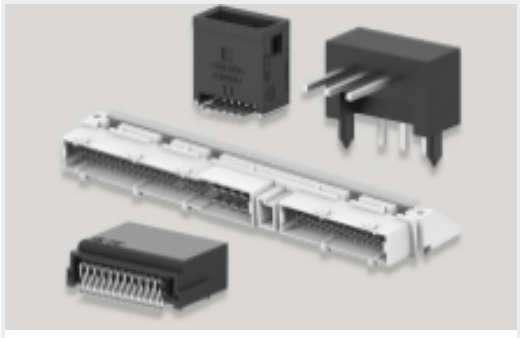
Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



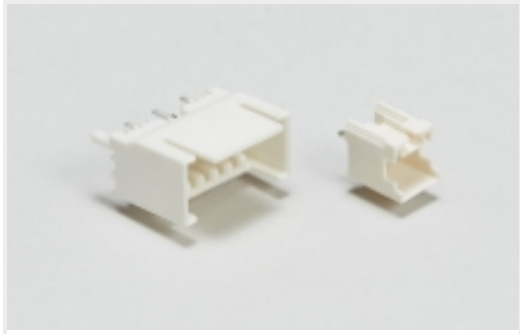
PCB Headers & Receptacles(169)



Power Contacts(9)



Rectangular Power Connectors(111)



Wire-to-Board Headers & Receptacles (169)

Customers Also Bought



TE Part #1-2040404-4
DYNAMIC 1500T TAB HSG 12PX P/M

TE Part #1-1827863-5
DYNAMIC 1100D REC HSG 30P X BLACK

TE Part #1-172159-9
MINI UNIVERSAL M-N-L CAP 4P BLACK

TE Part #1554289-1
0.50 CONN 40P PLUG ASSY KEYING TYPE2

TE Part #1-174955-1
070 MLC CAP ASSY V 8P

TE Part #1827842-1
0.50 SERIES CONN 40POS PLUG ASSY TYPE-A

TE Part #5-170063-2
CLUSTER REC

TE Part #2310540-2
HVA280 2P HEADER ASSY, KEY B

TE Part #2108798-1
CLUSTER BLOCK 3P CLIP TPA HSG

TE Part #936233-1
090III 8P PLUG ASSY

Documents

Product Drawings

DYNAMIC D1000 TAB CONT TIN (2L) REEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1903122-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1903122-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1903122-1_C.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