1318109-1 ✔ ACTIVE

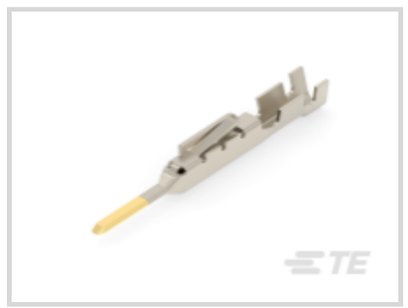
Dynamic Series | Dynamic 2000 Series

TE Internal #: 1318109-1

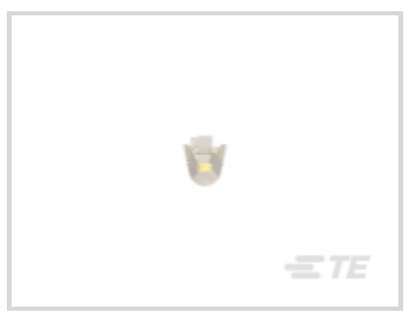
Gold (Au), Tab Contact, 22 – 18 AWG, 250 VAC, .34 – .86 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Dynamic 2000 Series

View on TE.com >

Connectors > Contacts > Connector Contacts > Contact: Component To Wire ; 5A, 28-18 wire size, gold plated







Contact Type: **Tab**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

All Contact: Component To Wire ; 5A, 28-18 wire size, gold plated (10)

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Length	21.65 mm[.852 in]
Barrel Type	Open
Contact Type	Tab
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	With

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A
Mating Tab Width	.9 mm[.035 in]
Mating Tab Thickness	.5 mm[.019 in]
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	.34 – .86 mm²
Compatible Insulation Diameter Range	1.27 – 1.9 mm[.048 – .075 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	27000
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250)

	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # CAT-D9934-A66A
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



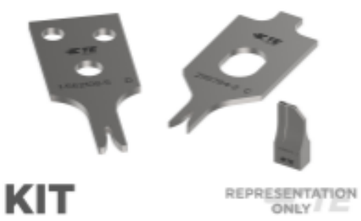
TE Part # 2151071-1
OCEAN_2.0_Applicator-S-062F074F-RSM



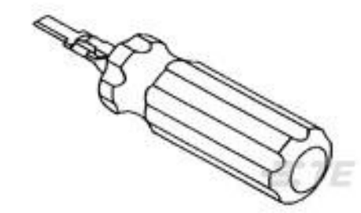
TE Part # 91595-1
CCII D-2 M REC TAB 22-18 ASSY



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



TE Part # 7-2151071-7
OCEAN_2.0_SPARE_PART_KIT-062F074F



TE Part # 1276716-1
EXT-TOOL FOR DYNAMIC D2 CONN

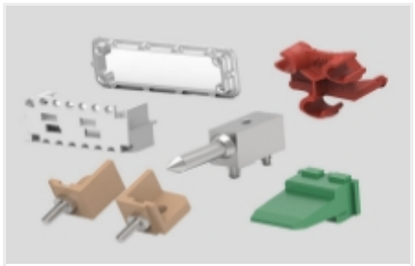


TE Part # 2151071-2
OCEAN_2.0_Applicator-S-062F074F-RSA

Also in the Series | Dynamic 2000 Series



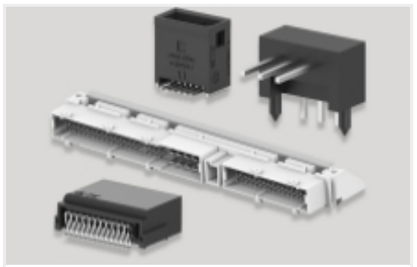
Connector Contacts(10)



Connector Hardware(3)



Insertion & Extraction Tools(2)



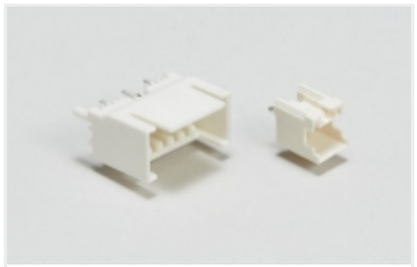
PCB Headers & Receptacles(58)



Power Contacts(10)



Rectangular Power Connectors(62)



Wire-to-Board Headers & Receptacles (58)

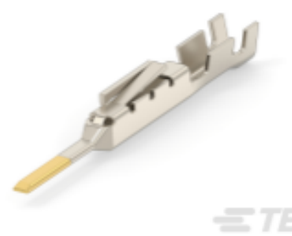
Customers Also Bought



TE Part #1-172142-0
EIS LOW PROFILE HSG 10P NATURAL



TE Part #9-178842-1
AMP U/P SGL ROW PLUG HSG 9P



TE Part #CAT-D9934-A66
Contact: Component To Wire；5A, 28-18 wire size, gold plated



TE Part #CAT-D9934-A66A
Receptacle and Tab Housing: 2.5 mm Pitch, 250V

TE Part #2351559-4
MINI IO TYPE II CABLE ASSY 15 METER

TE Part #2351559-5
MINI IO TYPE II CABLE ASSY 20 METER

Documents

Product Drawings

DYNAMIC D-2000 TAB CONT M

English

CAD Files

Customer View Model

ENG_CVM_CVM_1318109-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1318109-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1318109-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Dynamic Connector D-2000 Series

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

TUV Certificate

English

TUV Certificate

English