316041-6 ✔ ACTIVE

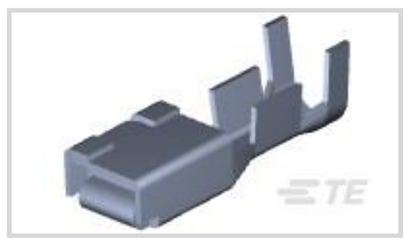
Dynamic Series | Dynamic 5000 Series

TE Internal #: 316041-6

Dynamic 5000 Series, Connector Contact, Receptacle, Component-to-Wire, 12 – 10AWG Wire Size, 3.08 – 5.5mm² Wire Size, Silver, Bag & Box, Wire & Cable

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts > DYNAMIC 5000 REC AND TAB CONT



Contact Type: **Receptacle**

Connector System: **Component-to-Wire**

Wire Size: **3.08 – 5.5 mm²**

Contact Mating Area Plating Material: **Silver**

All DYNAMIC 5000 REC AND TAB CONT (43)

Features

Product Type Features

Connector System	Component-to-Wire
Connector & Contact Terminates To	Wire & Cable

Contact Features

Mating Tab Width	6.4 mm[.25 in]
Mating Tab Thickness	1 mm[.039 in]
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	45 A

Dimensions

Wire Size	3.08 – 5.5 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Method	Bag & 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-D9934-A83A
DYNAMIC 5000 REC AND TAB HSG



TE Part # 409158-1
EXTRACTION TOOL



TE Part # 234171-1
HHHT DYNAMIC D-5 M 12-10 ASSY



TE Part # 179993-1
DYNAMIC D-5 SEQUENCIAL CLIP

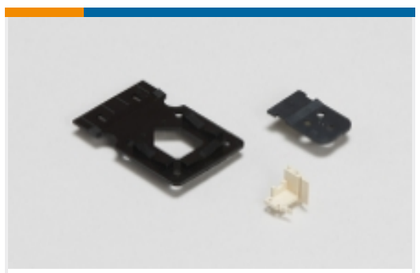
Also in the Series | Dynamic 5000 Series



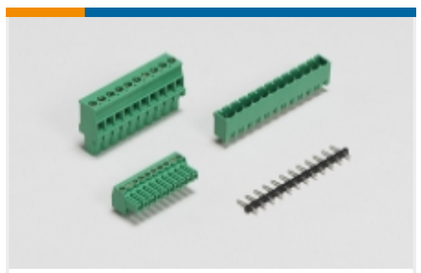
Insertion & Extraction Tools(1)



PCB Connector Mounting(3)



PCB Connector Strain Relief(2)



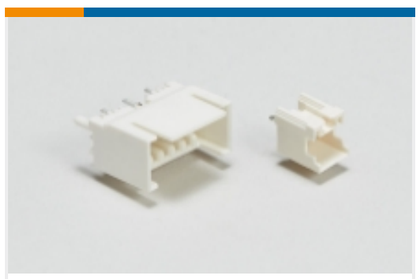
PCB Terminal Blocks(6)



Wire-to-Board Connector Assemblies & Housings(71)



Wire-to-Board Connector Contacts(43)

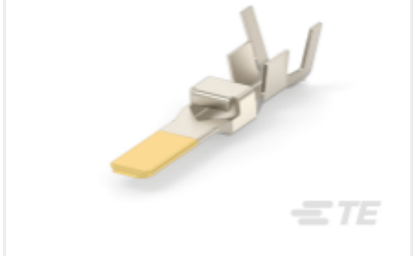


Wire-to-Board Headers & Receptacles (59)

Customers Also Bought



TE Part #1-917808-2
DYNAMIC 5000 REC AND TAB HSG



TE Part #917805-6
DYNAMIC 5000 REC AND TAB CONT



TE Part #1-178128-3
DYNAMIC 3200 REC AND TAB HSG



TE Part #1-1318119-4
DYNAMIC 2000 REC AND TAB HSG



TE Part #1-175218-5
DYNAMIC 3000 CONTACT



TE Part #1-178288-3
DYNAMIC 3100 REC AND TAB HSG

Documents

Product Drawings

DYNAMIC D-5 REC CONT M L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316041-6_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_316041-6_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316041-6_L.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Extraction Tool for AMP Dynamic D-5000 Series

English

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese