175289-5 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 175289-5

Tin (Sn), Tab Contact, 20 – 16 AWG, 250 VAC, .5 – 1.42 mm² Wire, Discrete Wire, Crimp, Copper Alloy, Power & Signal, Dynamic 3000 Series

View on TE.com >

Connectors > Contacts > Connector Contacts > Contact: Component To Wire; 15A, 28-14 wire size



Contact Type: **Tab**

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

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

All Contact: Component To Wire; 15A, 28-14 wire size (91)

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Shape & Form	Rectangular
Contact Length	25.3 mm[.996 in]
Barrel Type	Open
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A
Mating Tab Width	2 mm[.08 in]

Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.5 – 1.42 mm²
Compatible Insulation Diameter Range	1.8 – 2.8 mm[.07 – .11 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	5000
Packaging Method	Bag & Box

Product Compliance

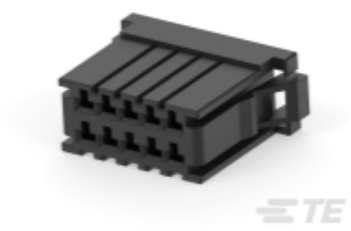
For compliance documentation, visit the product page on TE.com>

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: 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-A75A
Receptacle and Tab Housing: 3.81 mm pitch, 250V



TE Part # 90684-2
SDE F DYNAMIC D3000 20-16 DIE SET



TE Part # 91558-1
CCII D-3 L REC TAB 20-16 ASSY



TE Part # CAT-D9934-A75C
Receptacle and Tab Housing: 5.08 mm pitch, 600V



TE Part # CAT-D9934-A75B
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part # 2255147-1
MINI SAHT D3000-L



TE Part # 90684-1
SDE F DYNAMIC D3000 20-16 ASSY

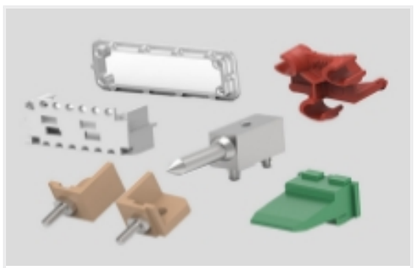


TE Part # 234168-1
EXTRACTION TOOL(DYNAMIC D-3)

Also in the Series | Dynamic 3000 Series



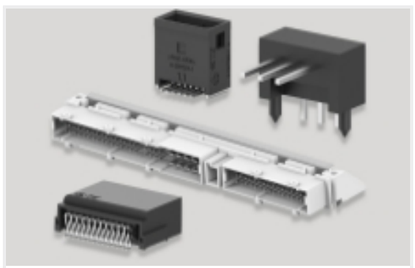
Connector Contacts(94)



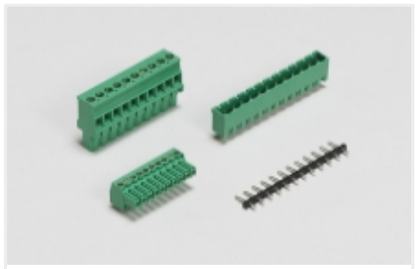
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



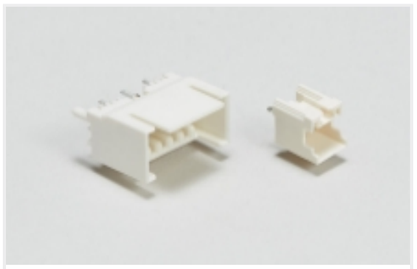
PCB Terminal Blocks(5)



Power Contacts(94)



Rectangular Power Connectors(443)

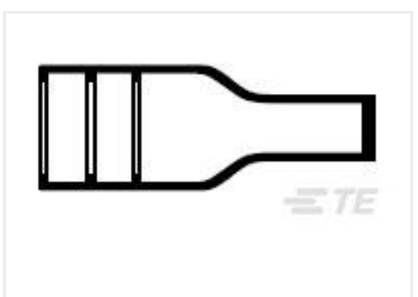


Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



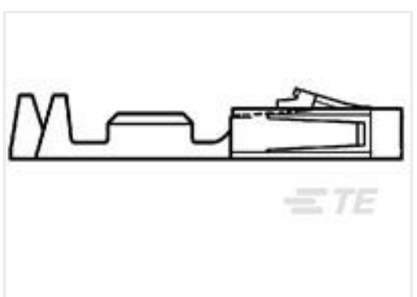
TE Part #133190-E
MJ DS VG * 8 8 8 * * * * 30 * J 3 133190



TE Part #809235-000
202D174-3-60/42-0



TE Part #E10434-001
D50-100FR



TE Part #1-104479-1
SHORT POINT RECP CONT LP



TE Part #CAT-D9934-A75A
Receptacle and Tab Housing: 3.81 mm pitch, 250V



TE Part #1-1318119-4
DYNAMIC D-2100 REC HSG 8P



TE Part #4-1623932-3
CFR50 5% 1K6



TE Part #5535655-2
68 MEMCD HDR RSD T/H TOP LV

Documents

Product Drawings

DYNAMIC D-3 TAB CONT. L PRE-TIN L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175289-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_175289-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175289-5_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.)

Japanese

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

PEW12 HAND TOOL(D3000-L)

Japanese

Agency Approvals

TUV Certificate

English