1-175218-3 ✔ ACTIVE

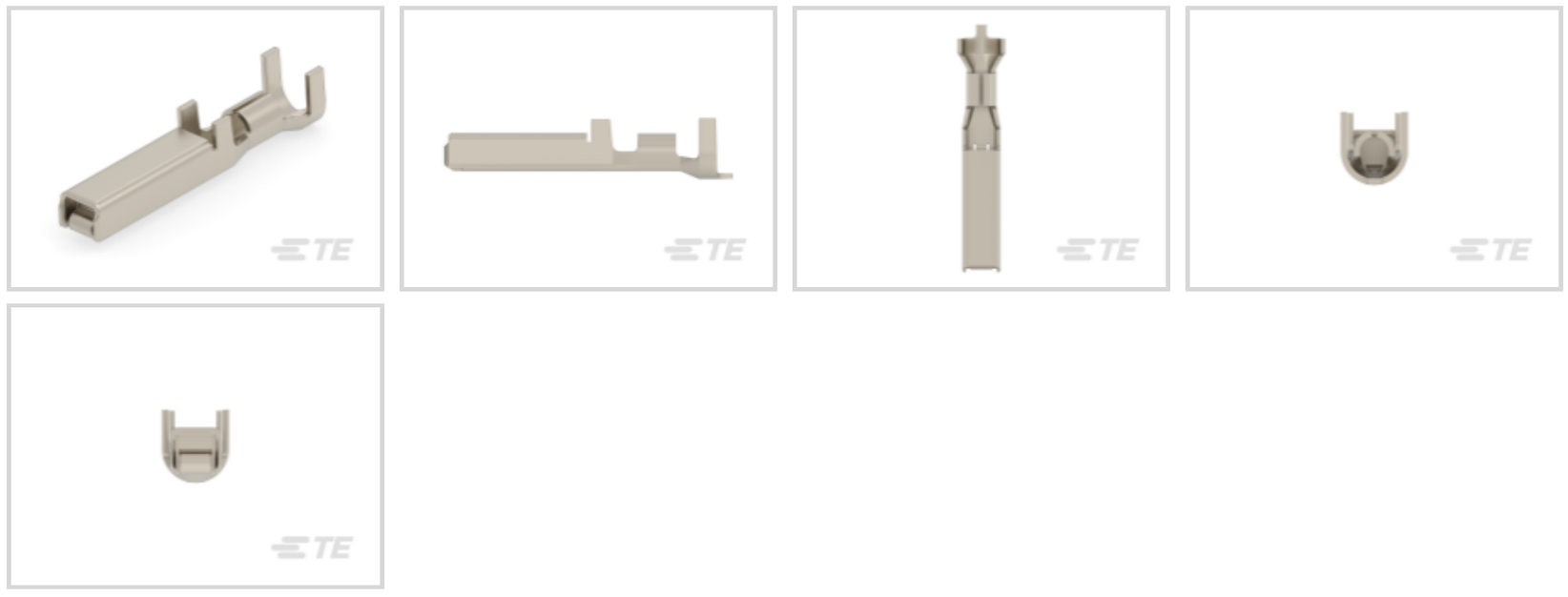
Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-175218-3

Gold (Au), Receptacle 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: **Receptacle**

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

Operating Voltage: **250 VAC**

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

Wire Size: **20 – 16 AWG**

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

Features

Product Type Features

Discrete Wire Type	Solid or Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Barrel Type	Open
Contact Length	17.8 mm[.701 in]
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au)
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 Thickness	.76 µm[30 µin]
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[.071 – .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



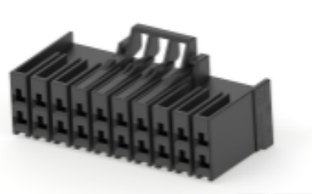
TE Part # 178214-1
DYNAMIC 3400 REC HSG 12P



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



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



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



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



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



TE Part # 917249-1
DYNAMIC D-3400F REC HSG 20P



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 # 58571-1
PROCRIMP TL W/DIE DYN3RH

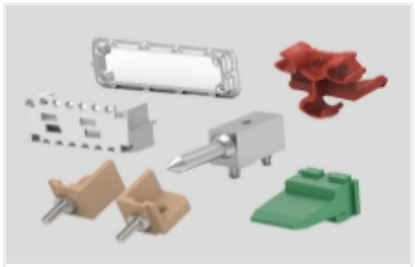


TE Part # 90684-1
SDE F DYNAMIC D3000 20-16 ASSY

Also in the Series | Dynamic 3000 Series



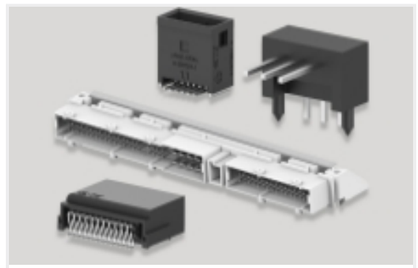
Connector Contacts(94)



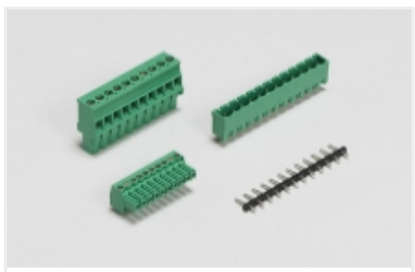
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



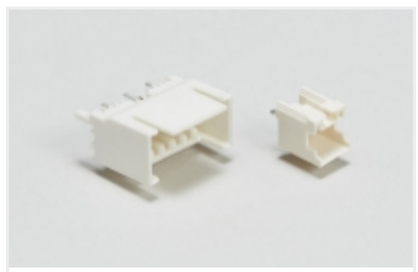
PCB Terminal Blocks(5)



Power Contacts(94)



Rectangular Power Connectors(443)



Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



TE Part #CAT-D9934-A75

Contact: Component To Wire; 15A, 28-14 wire size



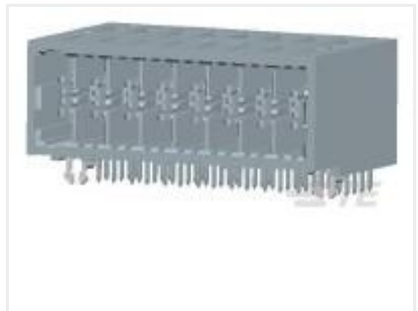
TE Part #CAT-D9934-A75F

Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #CAT-D9934-A75E

Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #5-1747145-3

DZ5200 H-HDR ASSY 3P 10.16MM PITCH



TE Part #2321926-2

RECEPTACLE HOUSING PANEL MOUNT 2PIN



TE Part #752857-1

DIES 720590-1



TE Part #170048-7

110 FASTON,REC.,24-20 AWG,TPPB

Documents

Product Drawings

DYNAMIC D-3 REC CONT. L AU 0.76 L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-175218-3_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-175218-3_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-175218-3_F.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