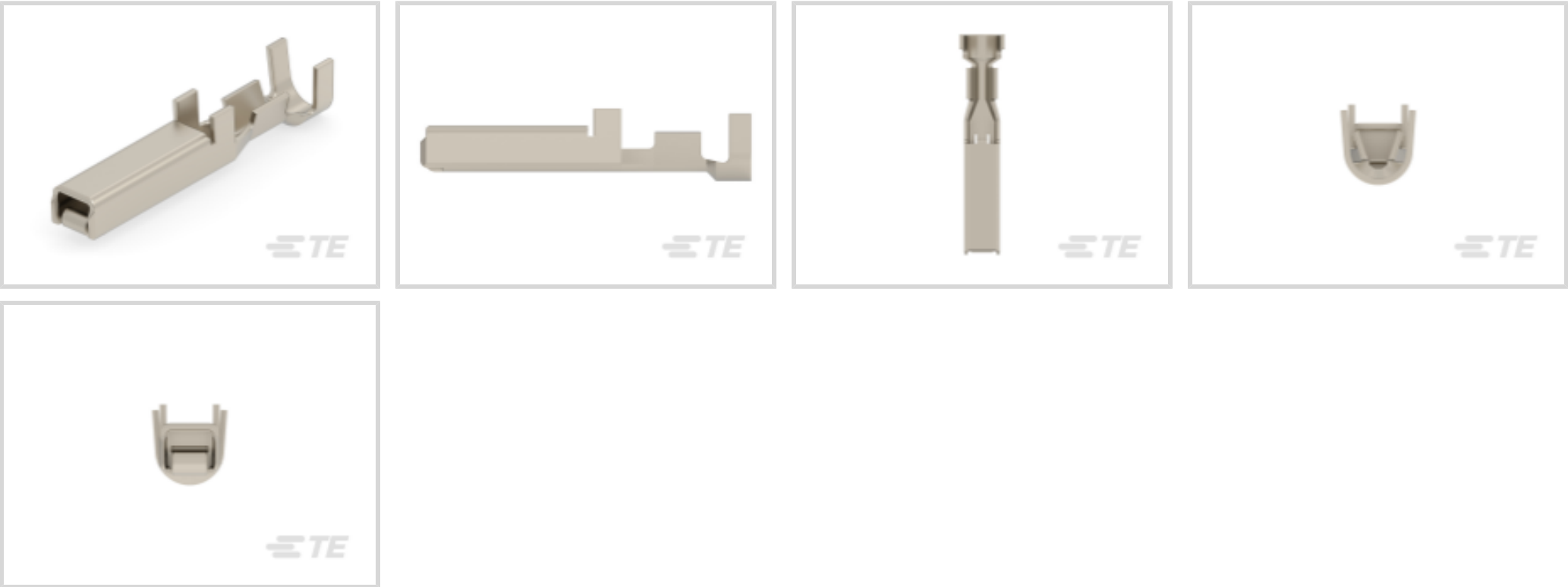




Connectors > Contacts > Connector Contacts > DYNAMIC 3000 CONTACT



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

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

Wire Size: **24 – 20 AWG**

[All DYNAMIC 3000 CONTACT \(91\)](#)

Features

Mechanical Attachment

Wire Insulation Support	With
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Product Type Features

Discrete Wire Type	Solid or Stranded
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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	5000

Dimensions

Compatible Insulation Diameter Range	1.2 – 2.6 mm[.047 – .102 in]
Wire Size	.2 – .6 mm ²

Contact Features

Contact Orientation	Straight
Mating Tab Thickness	.64 mm[.025 in]



Barrel Type	Open
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Tab Width	2 mm[.08 in]
Contact Length	17.8 mm[.701 in]
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Electrical Characteristics

Operating Voltage	250 VAC
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

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

Usage Conditions

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

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-A75B Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V	TE Part # CAT-D9934-A75A DYNAMIC 3100 REC AND TAB HSG	TE Part # CAT-D9934-A75C DYNAMIC 3500 REC AND TAB HSG	TE Part # 91559-1 CCII D-3 M REC TAB 24-20 ASSY
TE Part # 234168-1 EXTRACTION TOOL(DYNAMIC D-3)	TE Part # 917249-1 DYNAMIC D-3400F REC HSG 20P	TE Part # 178214-1 DYNAMIC 3400 REC HSG 12P	TE Part # 58571-1 PROCrimp TL W/DIE DYN3RH
TE Part # 90683-1 PRO-CRIMPER ASSEMBLY	TE Part # 90683-2 PROCrimper DIE ASSY DYNAMIC	TE Part # 2381454-1 SDE F DYNAMIC 3000 20-24 AWG ASSY	TE Part # 2381454-2 SDE F DYNAMIC 3000 20-24 AWG DIE SET

Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



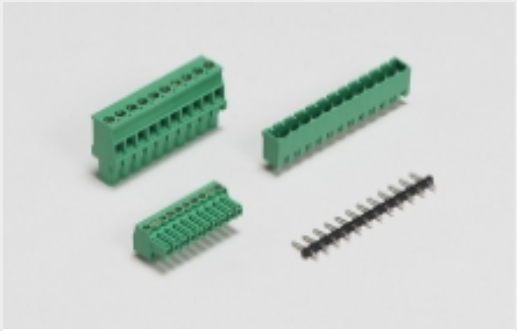
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(282)



PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(152)

Customers Also Bought



TE Part #178289-8
DYNAMIC 3100 REC AND TAB HSG



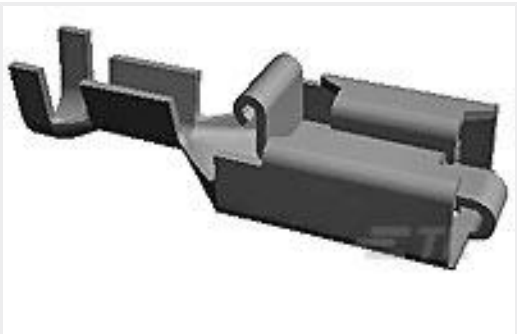
TE Part #1-178141-3
DYNAMIC CONN 6P HDR ASSY



TE Part #1-917657-3
DYNAMIC D-3200M HDR ASSY 10P V



TE Part #1-917511-3
DYNAMIC D-3 REC CONT. 2L AU 0.76 L/P



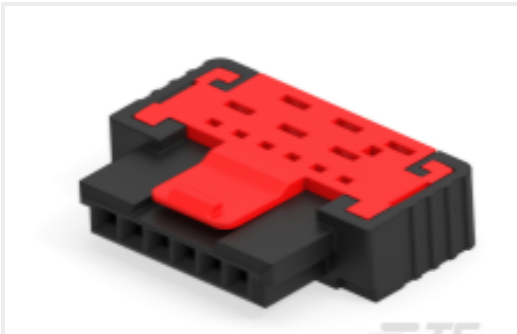
TE Part #170265-2
PL 250 REC 12-10 AWG 0.406 X 42.3



TE Part #214346-E
SMCB 26 F AB VV 6-01 VH * 0008 137 E002



TE Part #284959-E
STVE 160 F ABCDE VVVV 7-00 TL 4,0 * 137



TE Part #214158-E
SRCA 1,27 6 F 1 I2426 137 E1 094 1,07 TR



TE Part #119977-E
IBRFHG VE 10 CSI 208 BAG J 3 119979 IBRI

Documents



Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-175217-3_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-175217-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-175217-3_B.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-M)

Japanese

Agency Approvals

TUV Certificate

English