

1-175218-5 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

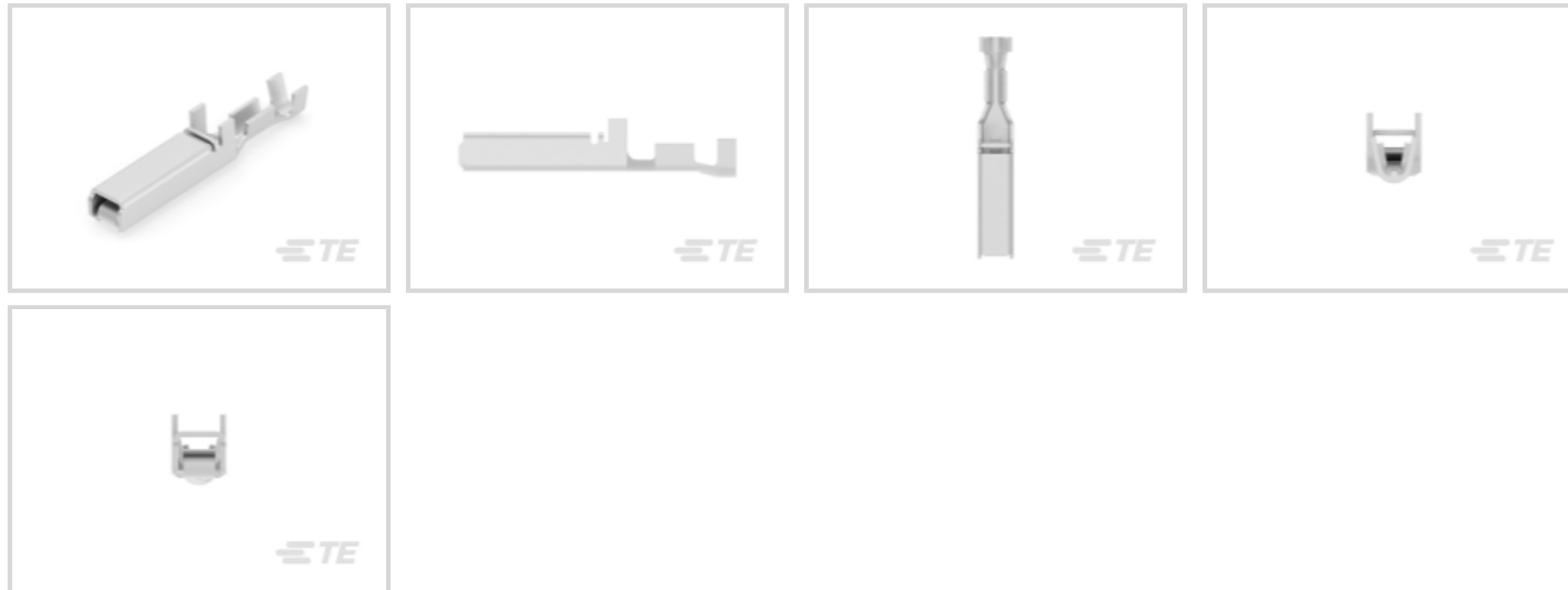
TE Internal #: 1-175218-5

Receptacle Contact, Tin (Sn), 250 VAC, Discrete Wire, 20 – 16 AWG,
.5 – 1.42 mm² 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: **Tin (Sn)**

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
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Orientation	Straight
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Mating Tab Thickness	.64 mm[.025 in]
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Barrel Type	Open
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Contact Mating Area Plating Material Finish	Bright
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Mating Tab Width	2 mm[.08 in]
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Contact Length	17.8 mm[.701 in]
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Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.8 – 2.8 mm [.071 – .11 in]
Wire Size	.5 – 1.42 mm ²

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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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	5000

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



Also in the Series | [Dynamic 3000 Series](#)



Connector Contacts(94)



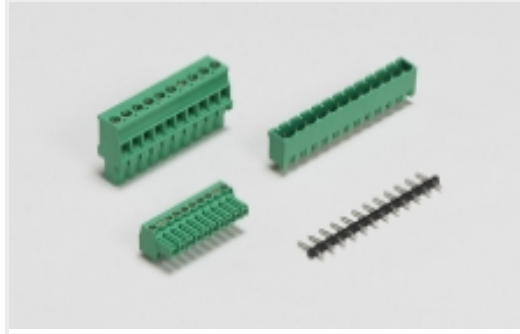
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



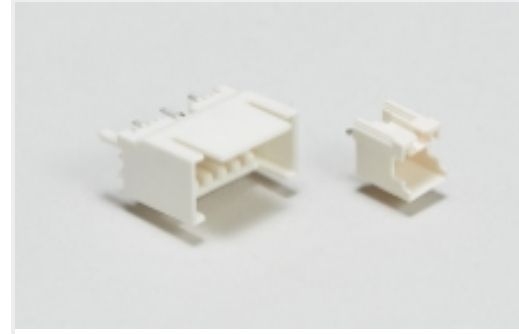
PCB Terminal Blocks(16)



Power Contacts(94)



Rectangular Power Connectors(411)



Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



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



TE Part #E10434-001
D50-100FR



TE Part #175362-1
DYNAMIC D-3500 REC HSG 2P



TE Part #316040-6
DYNAMIC D-5 REC CONT S L/P



TE Part #2320298-2
KIT, REC CONN, VERTICAL MMC-PUSH ON-B-F



TE Part #3-178128-3
DYNAMIC D3200 REC HSG 3P SGL Z



TE Part #2822933-2
KIT, REC CONN, RA MMC-PUSH ON-P-F



TE Part #1-1318119-3
DYNAMIC D-2100 REC HSG 6P



TE Part #2363934-2
KIT, REC CONN WI CON, VT MMC-PO-P-F90

Documents



Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-175218-5_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-175218-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-175218-5_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