

179956-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 5000 Series](#)

TE Internal #: 179956-6

Connector Contact, Receptacle, Component-to-Wire, 12 – 10 AWG

Wire Size, 3.08 – 5.5 mm² Wire Size, Silver, Reel & Box, Dynamic

5000 Series

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Contact: [Component To Wire ; 20-45A ; 20-8 wire size](#)



Contact Type: **Receptacle**

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

Wire Size: **3.08 – 5.5 mm²**

Contact Mating Area Plating Material: **Silver**

[All Contact: Component To Wire ; 20-45A ; 20-8 wire size \(43\)](#)

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 mm ²
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Usage Conditions

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

Circuit Application	Power
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Packaging Features

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Packaging Method	Reel & Box
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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
Receptacle and Tab Housing: 5.08 or 10.16 mm pitch, 250-600V



TE Part # 409158-1
EXTRACTION TOOL



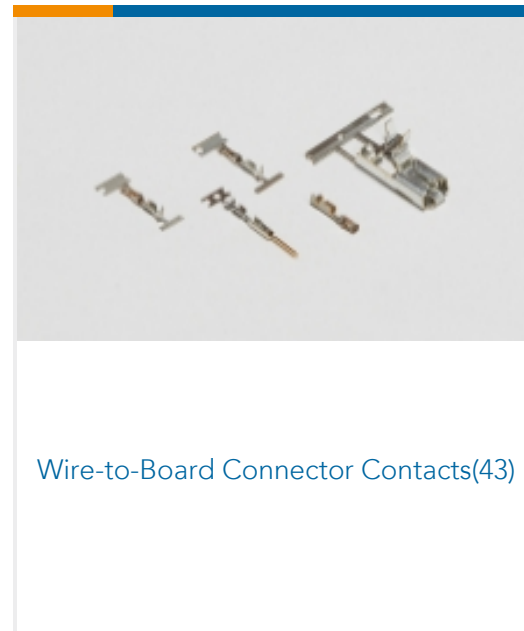
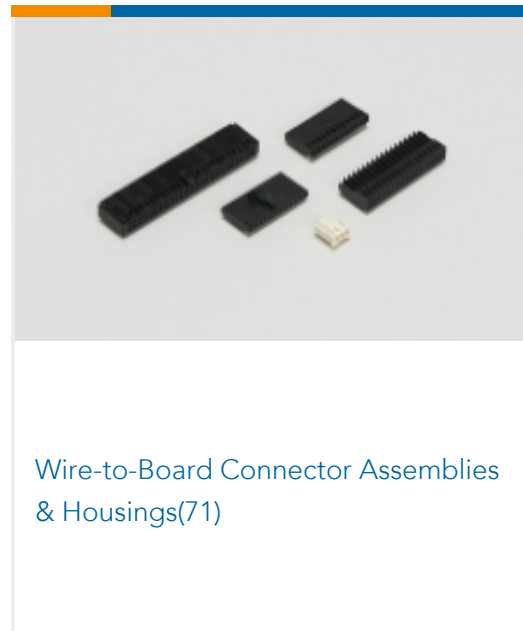
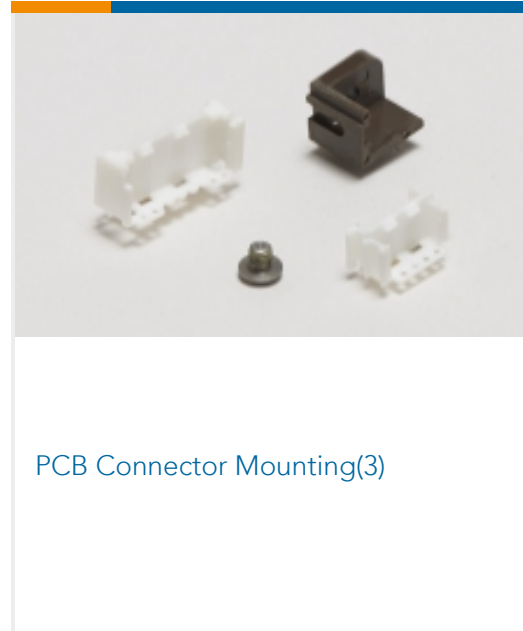
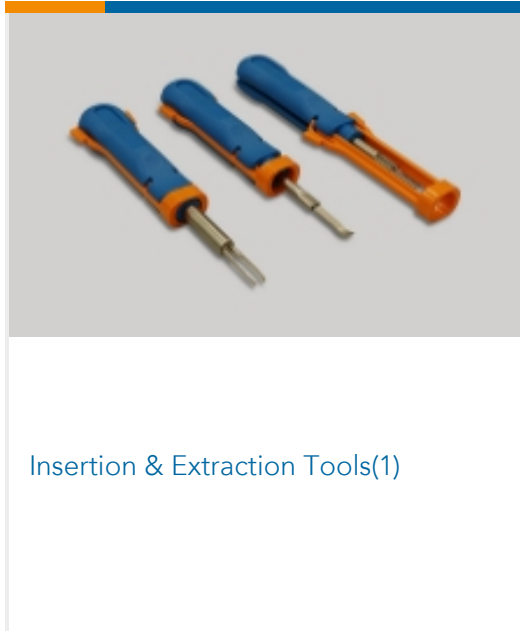
TE Part # 179993-1
DYNAMIC D-5 SEQUENTIAL CLIP



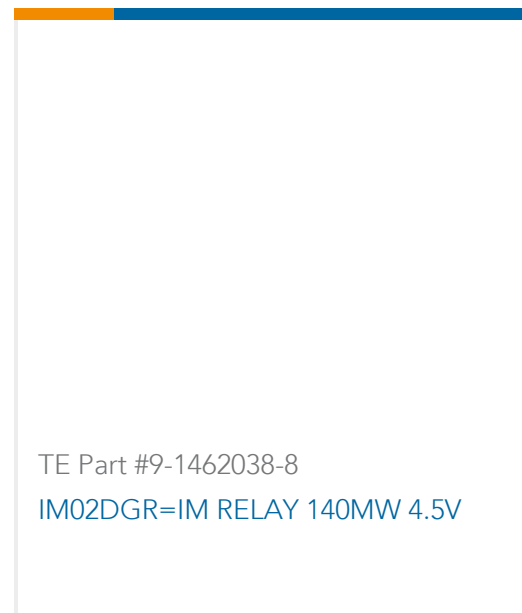
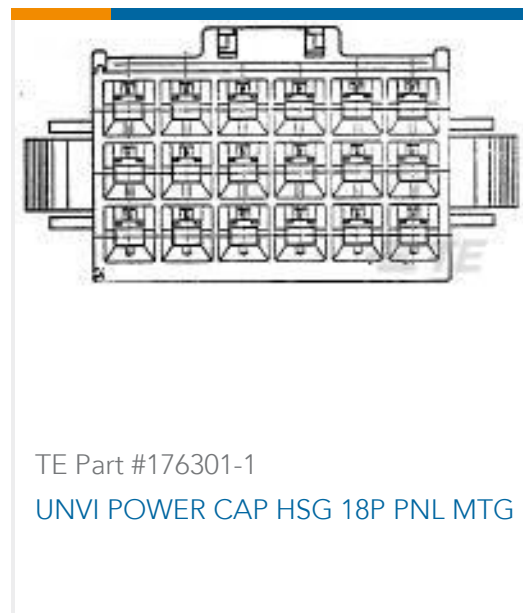
TE Part # 2151086-2
OCEAN_2.0_APPLICATOR-S-160F240F



Also in the Series | Dynamic 5000 Series



Customers Also Bought





Documents

Product Drawings

DYNAMIC D-5 REC M AG FORM

English

CAD Files

Customer View Model

ENG_CVM_CVM_179956-6_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179956-6_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179956-6_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

Japanese

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_179956-6_011120172241_dmtec

English

MD_179956-6_011120172241_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Extraction Tool for AMP Dynamic D-5000 Series

English

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

TUV Certificate

English



[TUV Certificate](#)

English

[TUV Certificate](#)

English