

1-1981458-6 ✓ ACTIVE

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

TE Internal #: 1-1981458-6

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, .4 in [10.16 mm] Centerline, Fully Shrouded, Silver, Through Hole - Solder, Dynamic 5000 Series

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[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [Header Assembly: Wire-to-Board, 20-45A, 250-630V](#)



Connector System: **Wire-to-Board**

Number of Positions: **4**

Number of Rows: **2**

Centerline (Pitch): **10.16 mm [.4 in]**

PCB Mount Orientation: **Vertical**

[All Header Assembly: Wire-to-Board, 20-45A, 250-630V \(59\)](#)

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Positions	4
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	2.54 μ m[100 μ in]
Contact Mating Area Plating Material	Silver
Contact Type	Pin
Contact Current Rating (Max)	45 A



Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	With
PCB Mount Retention Type	Retention Leg
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	10.16 mm[.4 in]

Usage Conditions

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Tube
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

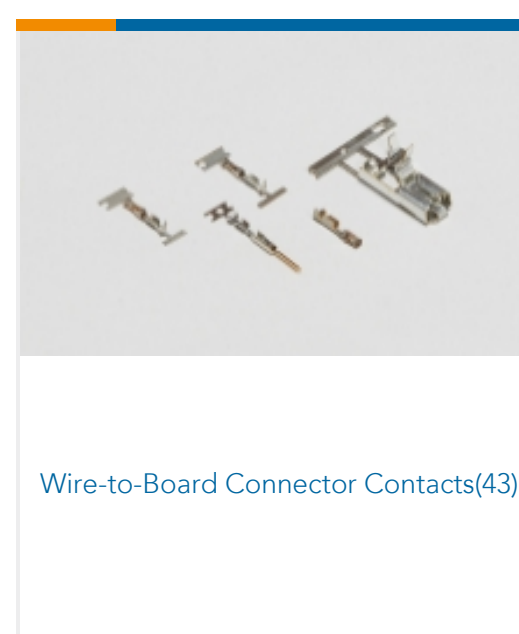
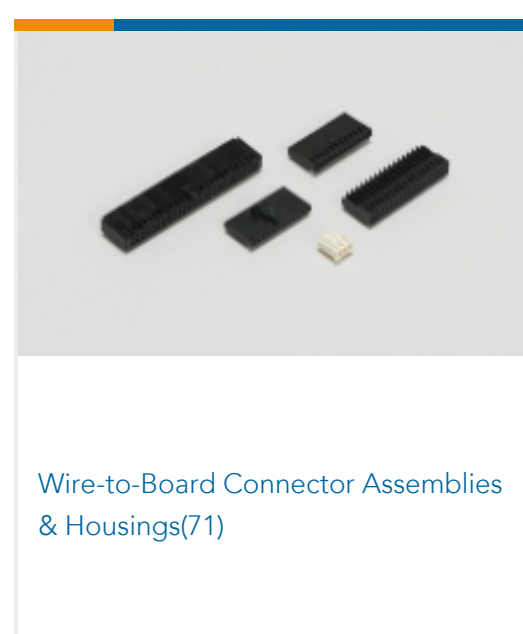
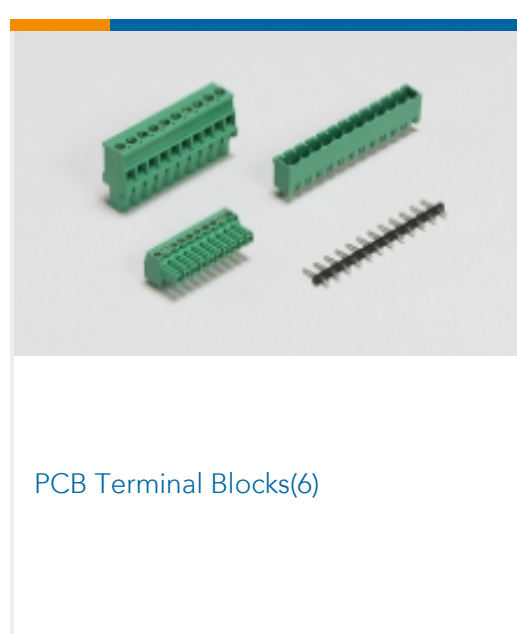
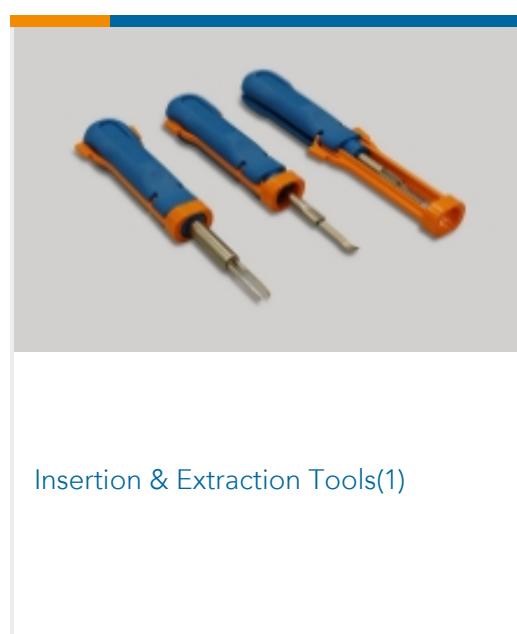
Product Compliance Disclaimer

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 5000 Series



Customers Also Bought



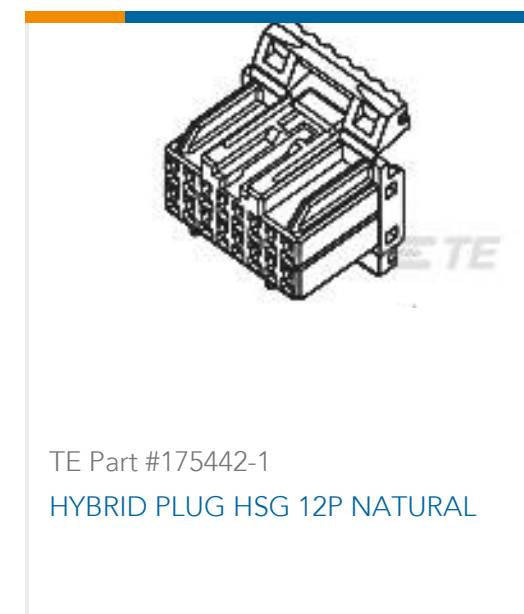
TE Part #2-1747276-3
DYNAMIC D4200 REC HSG 3P/Y



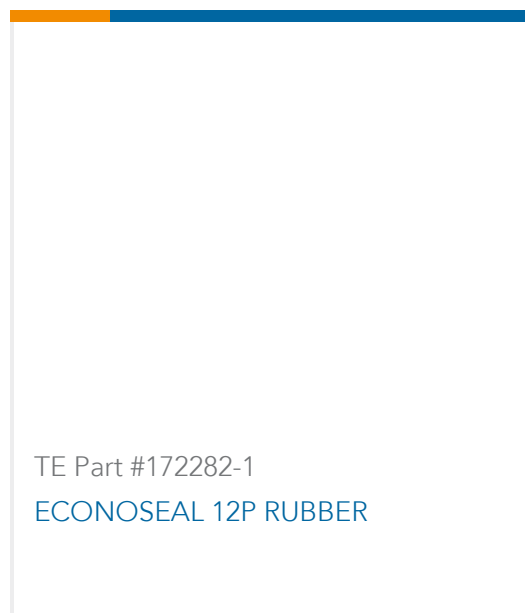
TE Part #2071366-2
EW60-1A3-CL12D04,00000



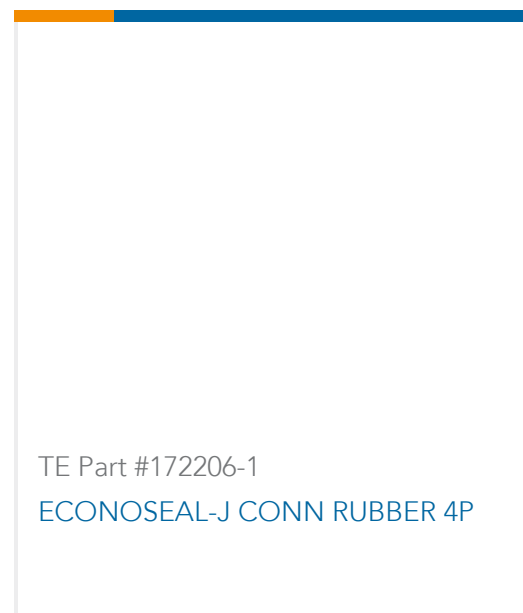
TE Part #1674558-1
0.64 III/1.0 III 35POS PLUG ASSY (A)



TE Part #175442-1
HYBRID PLUG HSG 12P NATURAL



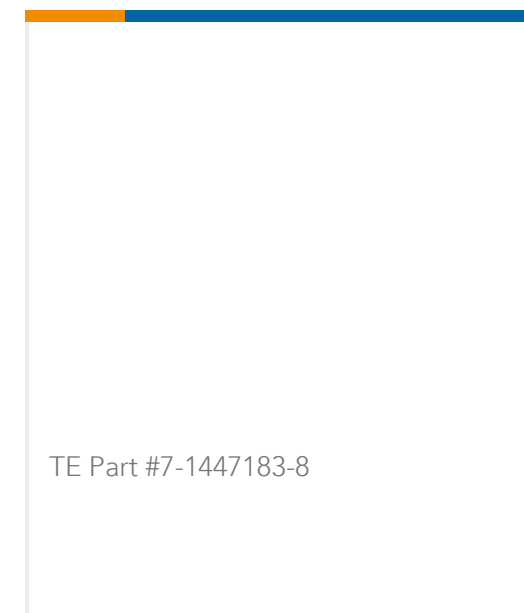
TE Part #172282-1
ECONOSEAL 12P RUBBER



TE Part #172206-1
ECONOSEAL-J CONN RUBBER 4P



TE Part #2822397-2
ECONOSEAL 4P O RING



TE Part #7-1447183-8

Documents

Product Drawings

[DYNAMIC D-5 V-HDR ASSY 4P Ag XX](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1981458-6_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1981458-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1981458-6_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773721-5_DYNAMIC_SERIES_QRG](#)

English

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

Japanese

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

English

Product Specifications



Product Specification

English

Product Environmental Compliance

[MD_1-1981458-6_033120152352_dmtec](#)

English

[MD_1-1981458-6_033120152352_dmtec](#)

English

Agency Approvals

[TUV Certificate](#)

English