

1-316130-5  ACTIVE

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

TE Internal #: 1-316130-5

PCB Mount Header, Horizontal, Wire-to-Board, 5 Position, 5.08 mm [.2 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Dynamic 3000 Series

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Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 3200 HDR ASSY



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **5**

Number of Rows: **1**

[All DYNAMIC 3200 HDR ASSY \(133\)](#)

Features

Dimensions

Connector Width 22.1 mm [.87 in]

Connector Height 9.35 mm [.36 in]

Connector Length 34.32 mm [1.35 in]

Packaging Features

Packaging Quantity 14

Packaging Method Tube, Box

Usage Conditions

Operating Temperature (Max) 105 °C [221 °F]

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

Mechanical Attachment

Mating Retention With

PCB Mount Retention Type Retention Leg

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

Contact Features

Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 μm [80 μin]
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	15 A

Housing Features

Housing Material	Glass-Filled Thermoplastic Polyester
Centerline (Pitch)	5.08 mm[.2 in]

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	5
Number of Rows	1

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating

UL 94V-0

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor 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

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Wave solder capable to 265°C

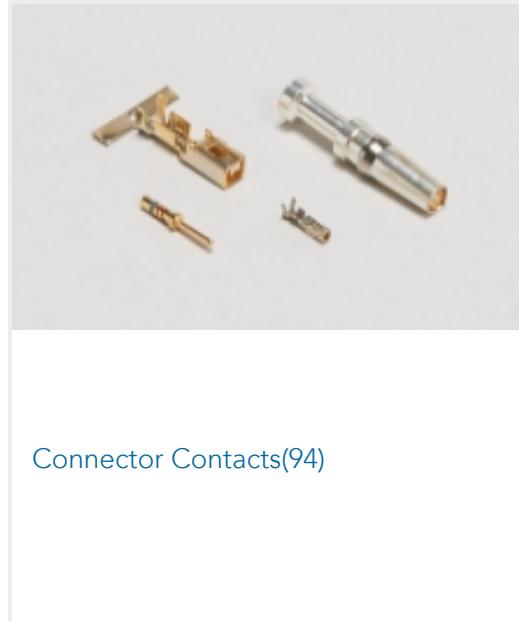
Product Compliance Disclaimer

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

TE Part # 1-178128-5
DYNAMIC 3200 REC HSG 5P X

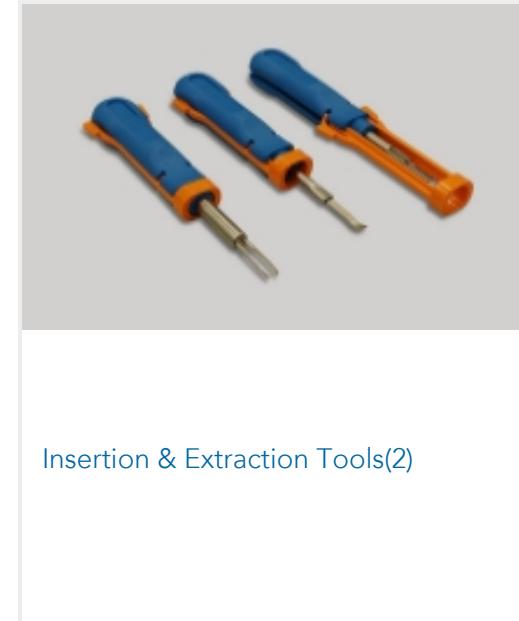
Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



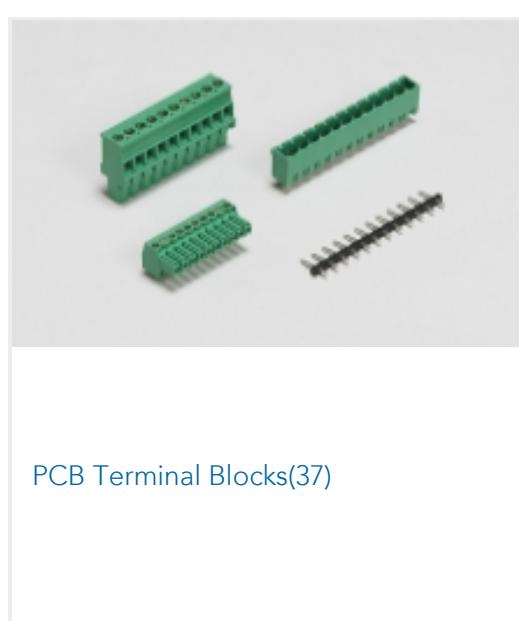
Connector Hardware(8)



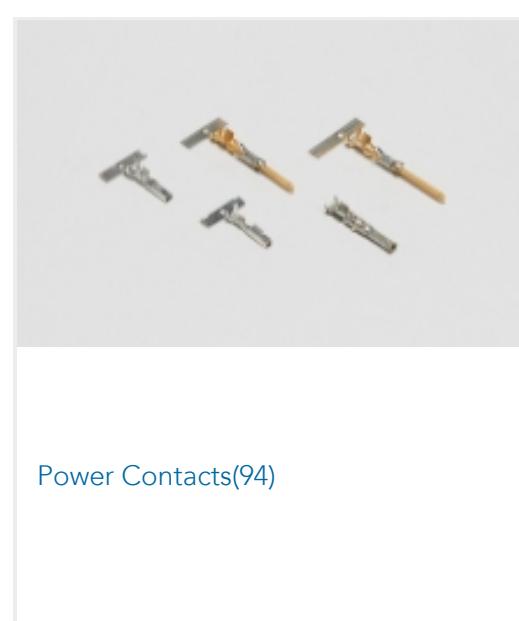
Insertion & Extraction Tools(2)



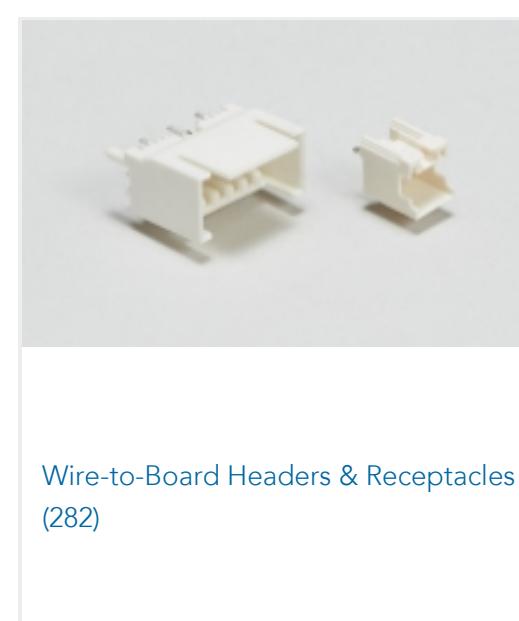
PCB Headers & Receptacles(282)



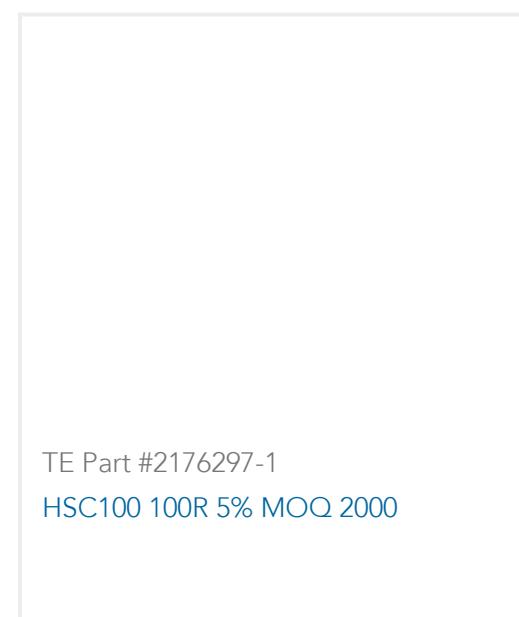
PCB Terminal Blocks(37)



Power Contacts(94)

Wire-to-Board Headers & Receptacles
(282)

Customers Also Bought

TE Part #CAT-C339-H85913
Power Resistors: Aluminum Housed,
HSATE Part #5-1879022-9
SMF3 82K 5%TE Part #CAT-ABS-DBL
DBL Power Distribution Block: Screw
clamp technology, 1 to 3 polesTE Part #T2010042201-000
HA-004-FTE Part #T1509031100-000
H3A-AGTE Part #1-2834461-6
MINI DYNAMIC REC HSG ASSY 16P X-KEY BLKTE Part #2176297-1
HSC100 100R 5% MOQ 2000

Documents

Product Drawings

DYNAMIC D-3200 HDR ASSY 5P H

English

CAD Files

Customer View Model

ENG_CVM_1-316130-5_B.3d_jgs.zip

English

Customer View Model

[ENG_CVM_1-316130-5_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-316130-5_B.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English