

1-2299005-1 ✓ ACTIVE

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

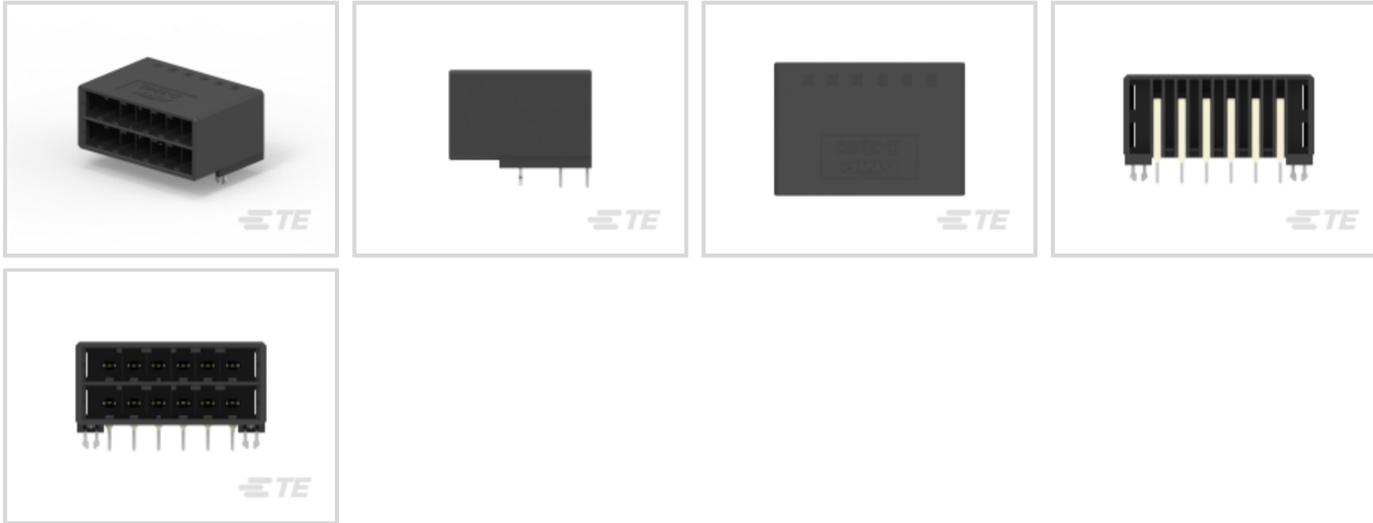
TE Internal #: 1-2299005-1

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 5.08 mm [.2 in] Centerline, Fully Shrouded, Gold (Au), Dynamic 3000 Series

[View on TE.com >](#)



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



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **12**

Number of Rows: **2**

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

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	12
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	.38 μ m[15 μ in]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Housing Material	PBT GF15
Centerline (Pitch)	5.08 mm[.2 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box, 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 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

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

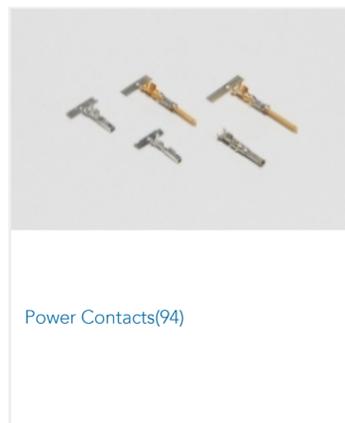
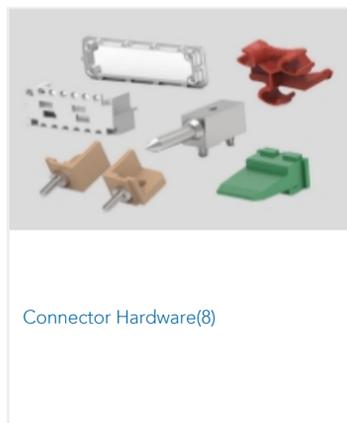
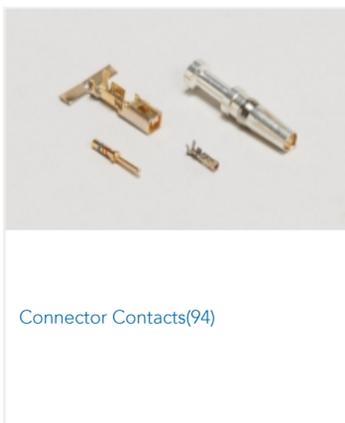
Product Compliance Disclaimer

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



Also in the Series | Dynamic 3000 Series





Rectangular Power Connectors(386)



Standard Rectangular Connectors(110)



Wire-to-Board Connector Assemblies & Housings(47)

Customers Also Bought



TE Part #1-1871935-6
DYNAMIC 1900D HDR ASSY H-TYPE
12p



TE Part #2298107-2
DYNAMIC D-3 FMLB REC CONT AU0.
38 M SIZE



TE Part #8-1879233-3
SMW5 270R 5%



TE Part #5175474-1
CHAMP 050 BTB REC H 20P W/LEG



TE Part #1116503-2
MJ,10MM,8P,SHLD,NOPNL TABS,SN



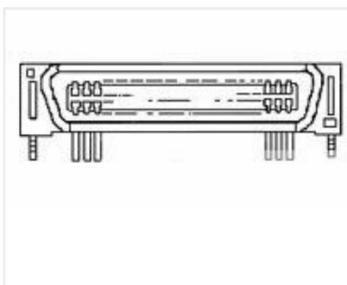
TE Part #1-917542-2
DYNAMIC D-5 S/ROW HDR ASY 4P V



TE Part #1-2299004-1
DYNAMIC D3200M FMLB HDR ASSY
4P RR



TE Part #5917628-1
REC ASS'Y(V) 40P 1.27FHBB



TE Part #5176381-3
PLUG ASS'Y(H) 80P 1.27FHBB



TE Part #T1240100132-002
H10B-TGH-M32,SHORT RIB

Documents

Product Drawings

[DYNAMIC D3200M FMLB HDR ASSY 12P RR](#)

Japanese

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1-2299005-1_E.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-2299005-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2299005-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[TUV Certificate](#)

English