

3-178137-3  ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 3-178137-3

PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 3.81 mm [.15 in] Centerline, Fully Shrouded, Gold (Au), Dynamic 3000 Series

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 15A, gold or tin plated



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Horizontal

Connector System: Wire-to-Board

Number of Positions: 6

Centerline (Pitch): 3.81 mm [.15 in]

All Header Assembly: Wire-to-Board, 15A, gold or tin plated (120)

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	6
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Pin

Contact Current Rating (Max)

8 A

Termination Features

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type

Retention Leg

Mating Alignment Type

Keyed

PCB Mount Alignment

Without

Mating Retention

With

PCB Mount Retention

With

Connector Mounting Type

Board Mount

Mating Alignment

With

Housing Features

Centerline (Pitch)

3.81 mm [.15 in]

Housing Material

Polyester GF

Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Box, Tube

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: 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.

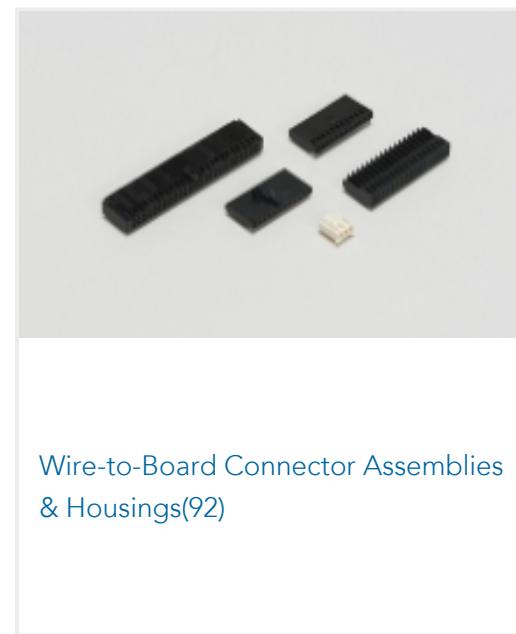
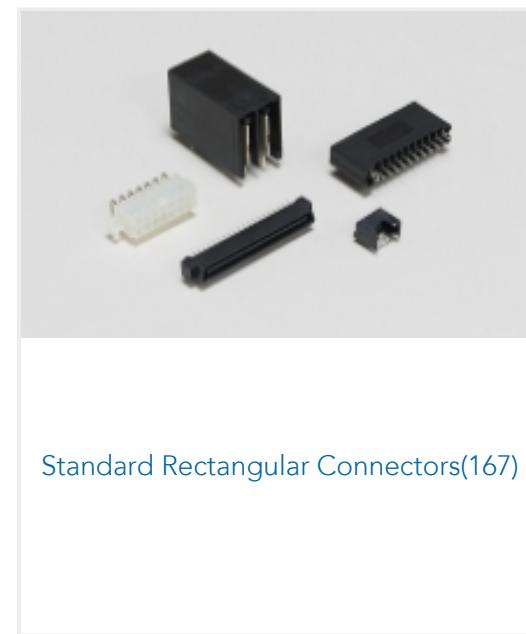
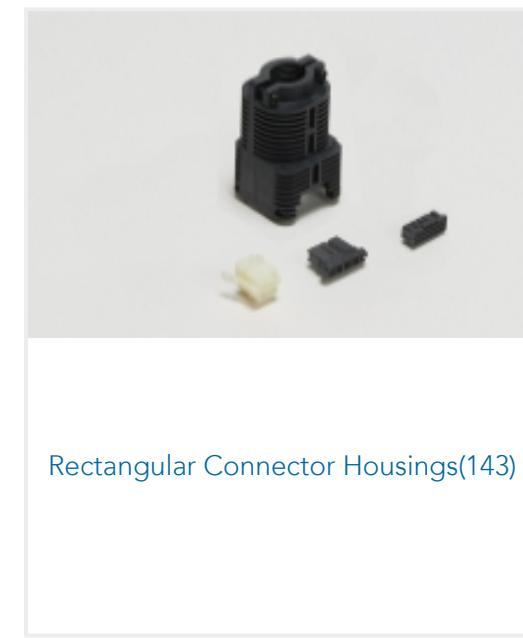
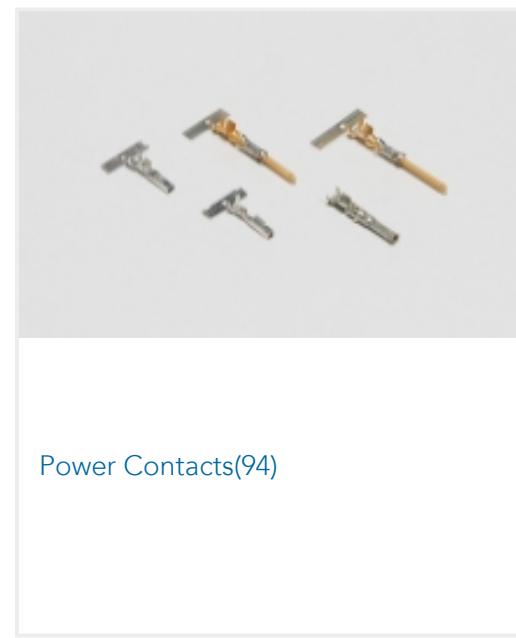
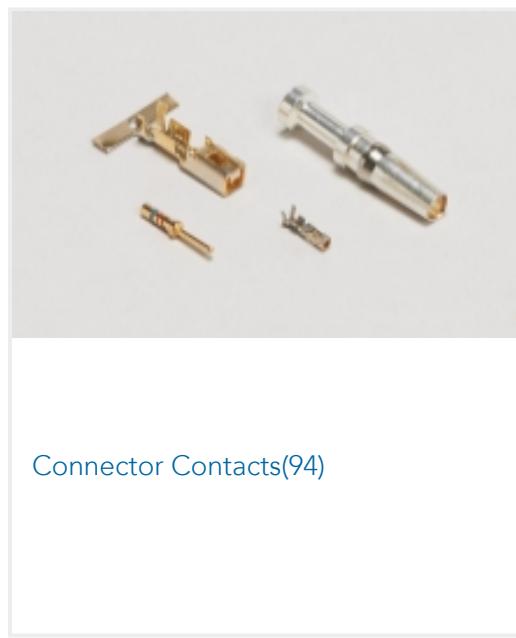
Solder Process Capability

Wave solder capable to 265°C

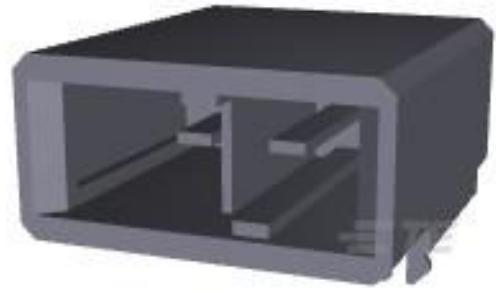
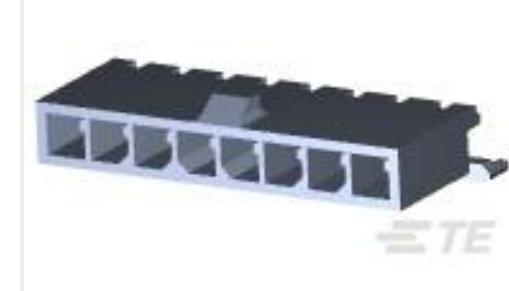
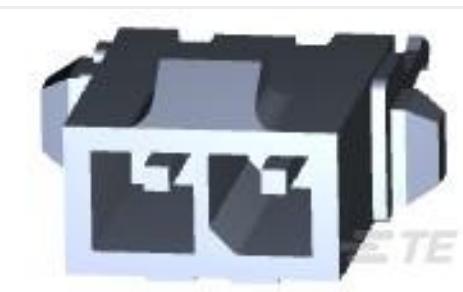
Product Compliance Disclaimer

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](#)

Customers Also Bought

TE Part #1-179276-3
DYNAMIC 3200 HDR ASSY 2P HTE Part #1-794609-0
PIN CONT 26-30 TIN PLATE STRIPTE Part #4-794618-0
10P MICRO MNL ASSY R/A HDR LFTE Part #2-1445050-8
MICRO MNL HDR ASSY S/ROW LFTE Part #2-1445051-2
MICRO MNL HDR ASSY S/ROW LFTE Part #1766274-1
CONTACT,PIN,#0TE Part #1981045-1
DYNAMIC D3900 SPRING OPENERTE Part #2151022-1
OCEAN_2.0_APPLICATOR-S-055F070F-RSMTE Part #HSA427N00480100000
723 htec plug, speedtecTE Part #HKA425N00480100000
723 htec extension, speedtec

Documents

Product Drawings

DYNAMIC D3100 HDR H 6P ASSY

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_3-178137-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_3-178137-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-178137-3_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Agency Approvals

UL

English