

3-178137-2 ✓ ACTIVE

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

TE Internal #: 3-178137-2

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

[View on TE.com >](#)



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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Horizontal**

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

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

Features

Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

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	6
---------------------	---

Number of Rows	2
----------------	---

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features



Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

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

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.81 mm [.15 in]

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	Tube, Box
------------------	-----------

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 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

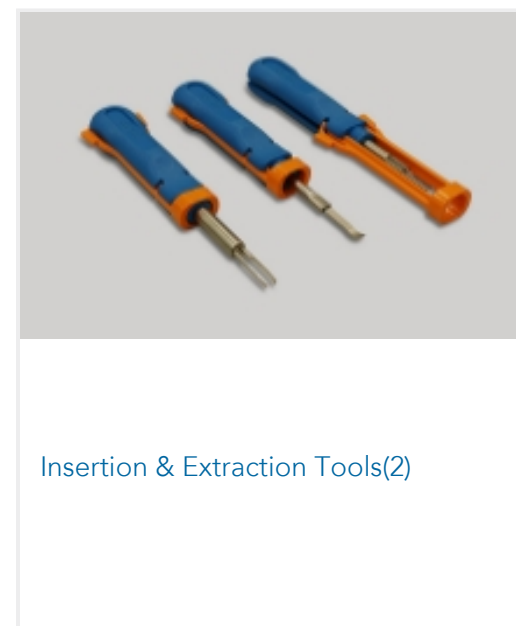
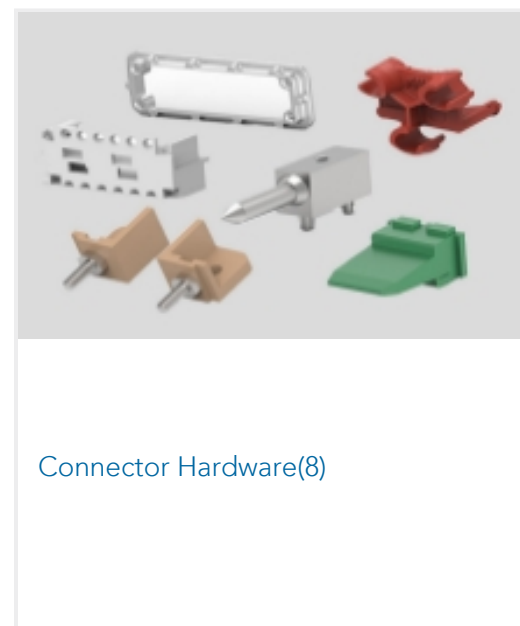
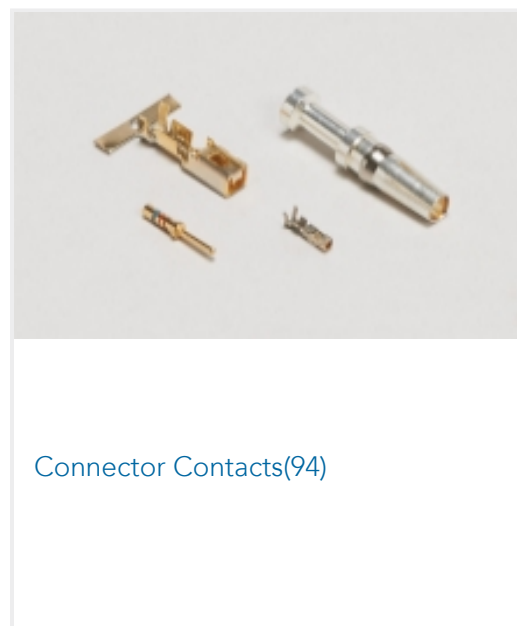
Product Compliance Disclaimer

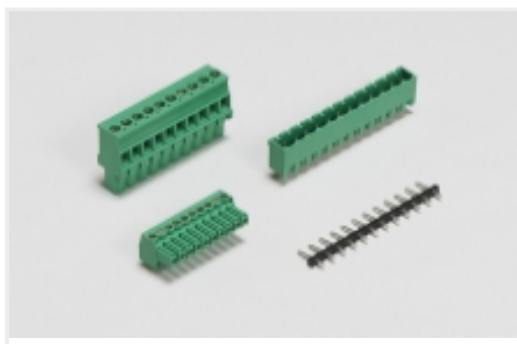
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

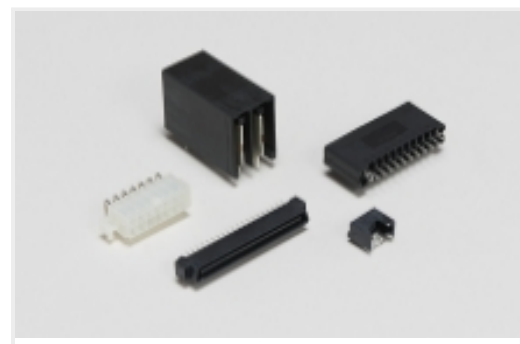


Also in the Series | Dynamic 3000 Series

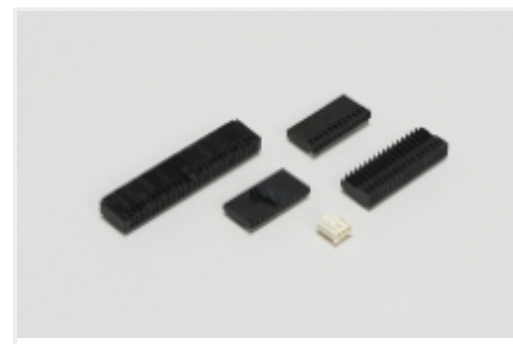




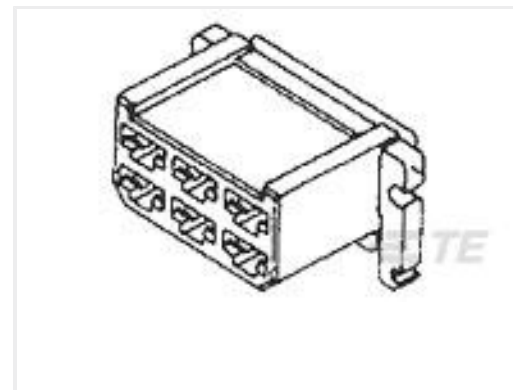
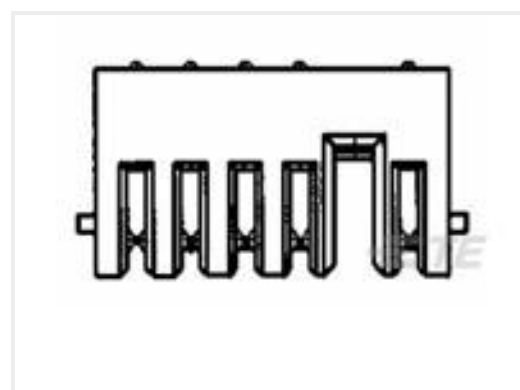
PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)

Wire-to-Board Connector Assemblies
& Housings(152)

Customers Also Bought

TE Part #178305-2
Header Assembly: Wire-to-Board, 15A,
gold or tin platedTE Part #2-1415899-3
RZ03-1C4-D024TE Part #171432-1
FF 250 REC HSG 6P NYLON NATTE Part #5-104477-7
100 SYSTEM 50 HDR DRRA SHRD SNTE Part #1-1827876-4
DYNAMIC 1200D HDR ASSY H 8PX
BLACK GOLDTE Part #1473971-2
REC ASSY V TYPE FOR 2.5MM PITTE Part #175152-2
AMP UNIVE. POWER CONN REC
CONTTE Part #ZPF00000000122869
951-00 R 18-800 P 50-090

Documents

Product Drawings

[DYNAMIC D3100 HDR H 6P ASSY](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

[ENG_CVM_3-178137-2_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

TUV Certificate

English