



THE DATASHEET OF
1318123-2



1318123-2 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 2000 Series](#)

TE Internal #: 1318123-2

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.5 mm [.099 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Dynamic 2000 Series

[View on TE.com >](#)



[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [DYNAMIC 2000 HDR ASSY](#)



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

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

Number of Positions: **3**

Number of Rows: **1**

Centerline (Pitch): **2.5 mm [.099 in]**

[All DYNAMIC 2000 HDR ASSY \(44\)](#)

Features

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

Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

PCB Retention Feature Material	Brass
PCB Retention Feature Plating Material	Tin over Nickel
Connector & Keying Code	Y
Primary Product Color	Black



Contact Features

Contact Mating Area Length	6.25 mm[.246 in]
Contact Layout	Inline
Mating Tab Thickness	.5 mm[.019 in]
Contact Mating Area Plating Material Thickness	.38 μ m[15 μ in]
Contact Shape & Form	Rectangular
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Type	Tab
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to PCB	Through Hole - Solder

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)	2.5 mm[.099 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 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	Box, Tube
------------------	-----------

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

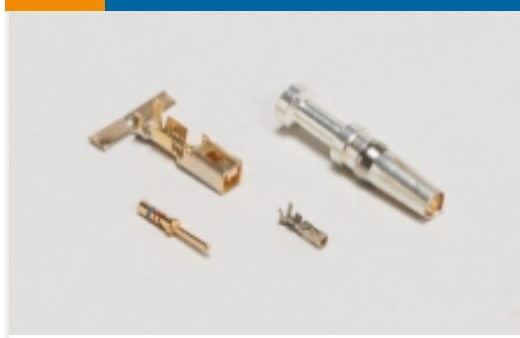
Product Compliance Disclaimer

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 2000 Series



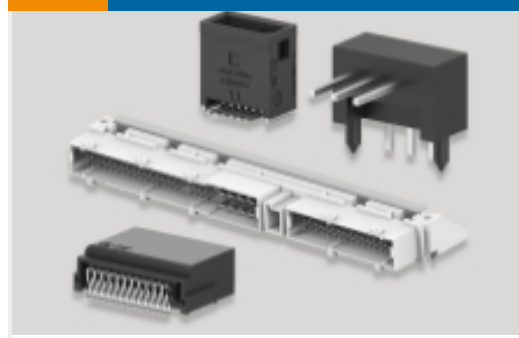
Connector Contacts(10)



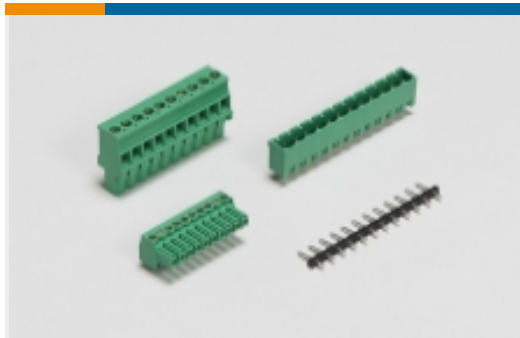
Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(44)



PCB Terminal Blocks(23)



Wire-to-Board Connector Assemblies & Housings(54)

Customers Also Bought



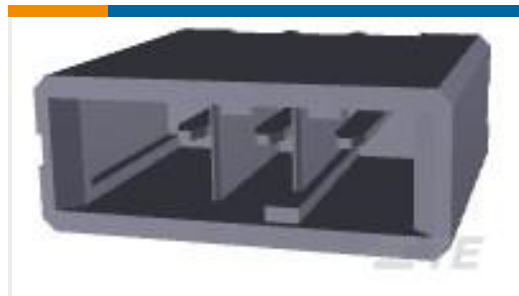
TE Part #1-640455-0
10P MTA100 HDR ASSY SQ R/A POL



TE Part #2-1827875-3
DYNAMIC 1200D HDR ASSY V 6P Y
BLACK GOLD



TE Part #1318126-1
DYNAMIC 2000 HDR ASSY



TE Part #2-178136-2
DYNAMIC D3200 HDR V ASSY 3P



TE Part #5745990-3
09 MSFL PLUG RA 590 (IN,FM)



TE Part #5-146130-5
12 MODII HDR DRST SFMNT B/A LF

Documents

Product Drawings

[DYNAMIC D2100 HDR V ASSY 3P Y](#)

Japanese

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_1318123-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318123-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318123-2_D.3d_stp.zip](#)

English

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

Product Specifications

[Dynamic Connector D-2000 Series](#)

Japanese

[Application Specification](#)

Japanese

Agency Approvals

[Agency Approval Document](#)

English

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

[View 1318123-2 on WIN SOURCE](#)

[TE Connectivity Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management