

1-2040558-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 1000 Series](#)

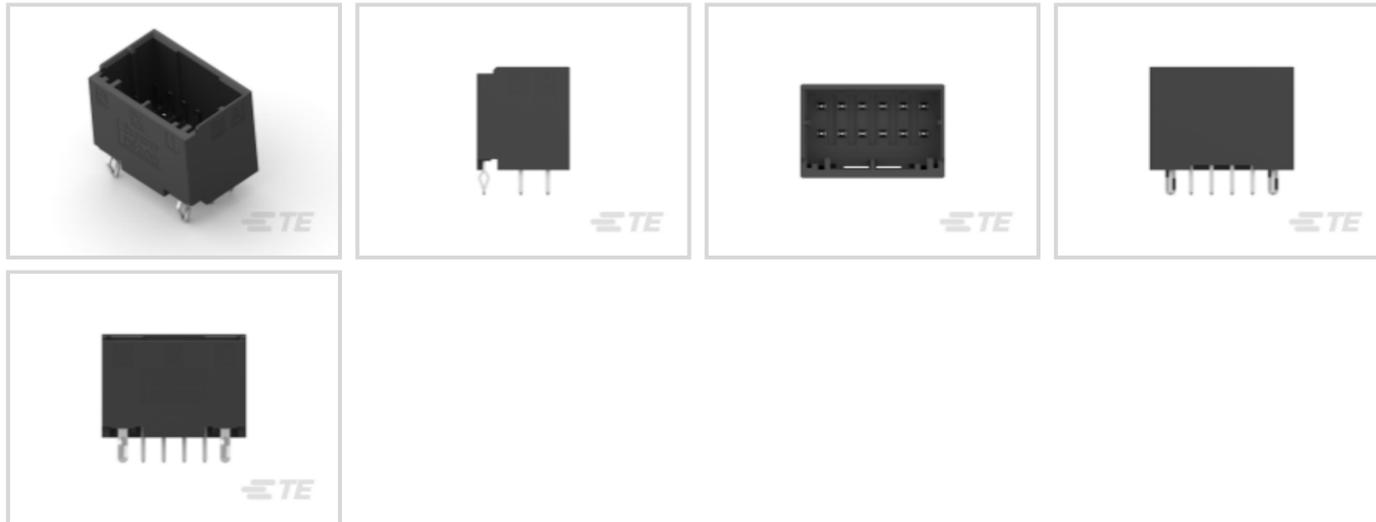
TE Internal #: 1-2040558-6

PCB Mount Header, Vertical, Wire-to-Board, 12 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Dynamic 1000 Series

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **12**

Number of Rows: **2**

Centerline (Pitch): **2.5 mm [.098 in]**

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

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

### Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	12
Number of Rows	2
PCB Mount Orientation	Vertical

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Layout	Matrix
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Mating Tab Width	.7 mm[.028 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Tab

### Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to Printed Circuit Board	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

Mating Entry Location	Top
Housing Material	Polyester - GF
Centerline (Pitch)	2.5 mm[.098 in]

### Dimensions

	.444 in
Row-to-Row Spacing	3.3 mm[.129 in]

### Usage Conditions

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

Circuit Application	Signal
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### Industry Standards

CSA Rating	Certified
Agency/Standard	CSA, UL
UL Flammability Rating	UL 94V-0



### Packaging Features

Packaging Type	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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 1000 Series](#)



Connector Contacts(1)



Insertion &amp; Extraction Tools(2)



PCB Connector Keying(1)



PCB Connector Mounting(2)



PCB Headers &amp; Receptacles(171)



Rectangular Connector Housings(2)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies &amp; Housings(157)



Wire-to-Board Connector Contacts(38)

## Documents

### Product Drawings

[DYNAMIC 1200D HDR ASSY V 12P X BLACK TIN](#)

English

### Datasheets & Catalog Pages

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[TUV Certificate](#)

English