

1734261-6 ✓ ACTIVE



TE Internal #: 1734261-6

PCB Mount Header, Right Angle, Wire-to-Board, 6 Position, 1.25 mm [.049 in] Centerline, Partially Shrouded, Nickel, Surface Mount, Signal, Natural

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 1.25 mm Headers



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

Number of Positions: **6**

Number of Rows: **1**

Centerline (Pitch): **1.25 mm [.049 in]**

PCB Mount Orientation: **Right Angle**

[All AMP HPI 1.25 mm Headers \(100\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Board
Header Type	Partially 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	6
Number of Rows	1
PCB Mount Orientation	Right Angle

### Electrical Characteristics

Operating Voltage	100 VAC
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### Body Features



Primary Product Color	Natural
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### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]
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Contact Layout	Inline
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Mating Tab Width	.74 mm[.029 in]
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Mating Tab Thickness	.3 mm[.012 in]
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Contact Mating Area Plating Material Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]
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PCB Contact Termination Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Finish	Matte
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material	Nickel
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Contact Type	Pin
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Contact Current Rating (Max)	3 A
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### Termination Features

Rectangular Termination Post & Tail Thickness	.3 mm[.012 in]
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Terminations per Post (Max)	3
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Rectangular Termination Post & Tail Width	.35 mm[.014 in]
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Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention	Without
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PCB Mount Retention Type	Solder Peg
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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PCB Mount Alignment	Without
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PCB Mount Retention	With
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### Housing Features

Housing Material	High Temperature Thermoplastic
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Centerline (Pitch)	1.25 mm[.049 in]
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### Dimensions

Connector Length	12.79 mm[.503 in]
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Connector Height	3.45 mm[.136 in]
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Connector Width	4.7 mm[.185 in]
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### Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1000
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Packaging Type	Reel
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 260°C
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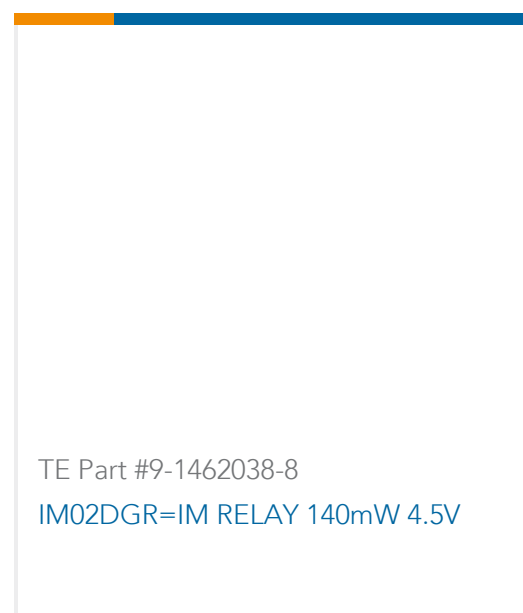
#### Product Compliance Disclaimer

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



## Customers Also Bought



## Documents

### Product Drawings

1.25 WTB, HDR, SMT, RA, 6P

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1734261-6\\_A.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_1734261-6\\_A.3d\\_stp.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_1734261-6\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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### Datasheets & Catalog Pages

[HPI Connectors QRG](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English