1-178139-2 - ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178139-2 PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, .2 in [5.08 mm] 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



Connector System: Wire-to-Board

Number of Positions: 6

Number of Rows: 2

Centerline (Pitch): 5.08 mm [.2 in]

PCB Mount Orientation: Horizontal

All Header Assembly: Wire-to-Board, 15A, gold or tin plated (134)

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		
Number of Positions	6	
Number of Rows	2	
PCB Mount Orientation	Horizontal	
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	

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Termination Features

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		
Housing Material	Polyester GF	
Centerline (Pitch)	5.08 mm[.2 in]	
Usage Conditions		
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]	
Operation/Application		
Circuit Application	Power	

Industry Standards

UL Flammability Rating	UL 94V-0	
Packaging Features		
Packaging Type	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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC	
Halogen Content	Not Low Halogen - contains Br or Cl > 900	

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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

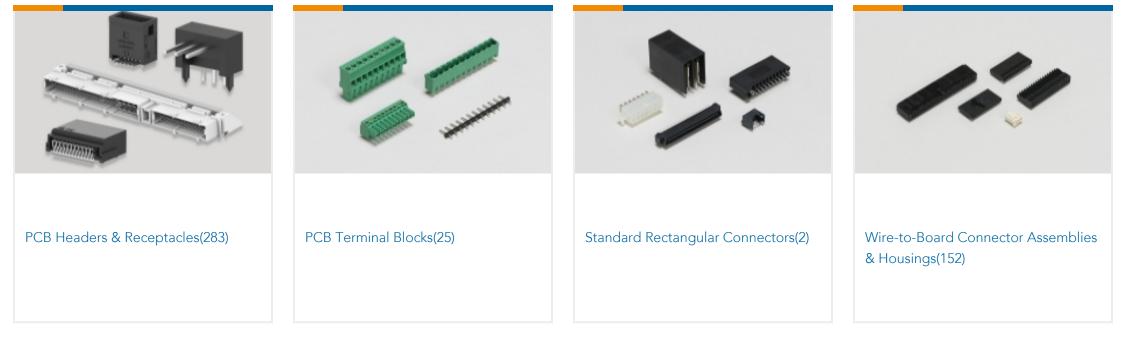
Compatible Parts



TE Part # CAT-D9934-A75B Receptacle and Tab Housing: 5.08 mm pitch, 250-600V

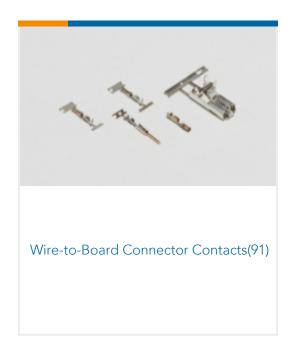
Also in the Series | Dynamic 3000 Series

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Connector Contacts(3)	Insertion & Extraction Tools(1)	PCB Connector Keying(1)	PCB Connector Mounting(8)



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Customers Also Bought





Documents

Product Drawings DYNAMIC 3200 HDR H 6P ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-178139-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-178139-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-178139-2_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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Datasheets & Catalog Pages

1-1773721-5_DYNAMIC_SERIES_QRG

English

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

Japanese

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals TUV Certificate

English