



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	2

Body Features

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

Contact Features

--	--



Contact Layout	Matrix
Contact Base Material	Copper Alloy
Mating Tab Thickness	.5 mm[.02 in]
Mating Tab Width	.7 mm[.028 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Tab
Contact Current Rating (Max)	5 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
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
Mating Entry Location	Top
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]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Method	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

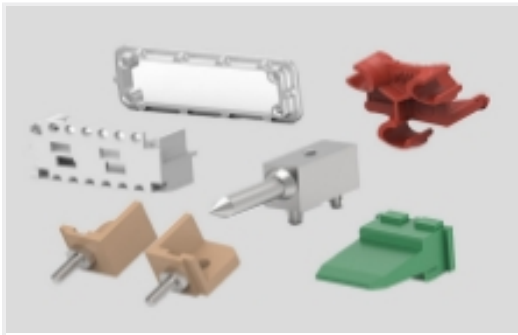
Compatible Parts



Also in the Series | Dynamic 1000 Series



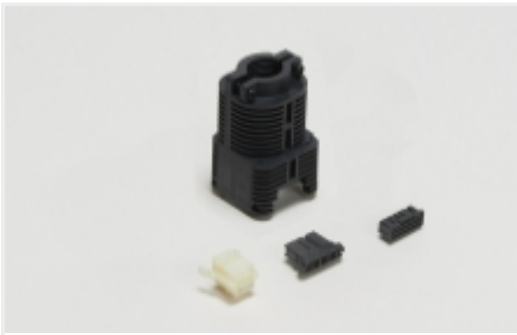
Connector Contacts(40)



Connector Hardware(3)



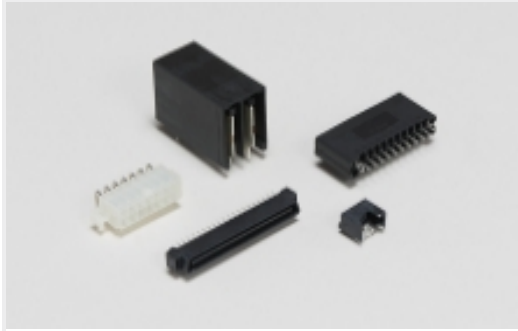
Power Contacts(9)



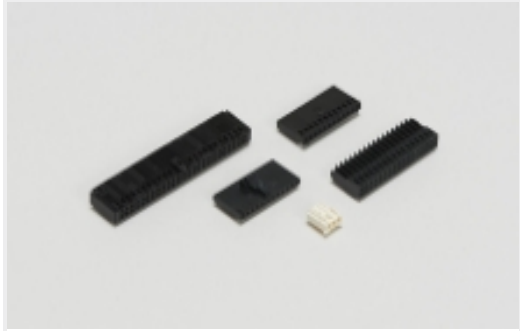
Rectangular Connector Housings(121)



Rectangular Power Connectors(111)



Standard Rectangular Connectors(121)



Wire-to-Board Connector Assemblies & Housings(33)

Customers Also Bought



TE Part #CAT-SIGH262  
Signal Header



TE Part #2291362-2  
4POS, PIN DIA 0.6, HEADER ASSY, CODE B



TE Part #2291362-5  
4POS, PIN DIA 0.6, HEADER ASSY, CODE E



TE Part #2291362-4  
4POS, PIN DIA 0.6, HEADER ASSY, CODE D



TE Part #1-1871673-2  
DYNAMIC 1200D HDR ASSY H 4PX BLACK TIN



TE Part #1-2291392-0  
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2322791-1  
40POS, TAB0.64X0.64, HDR ASSY, 90DEG

Documents

Product Drawings

DYNAMIC 1200D HDR ASSY V 6P X BLACK TIN

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-2040558-3\_A.3d\_stp.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2040558-3\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2040558-3\\_A.3d\\_igs.zip](#)

English

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

[Product Specifications](#)

[Application Specification](#)

English