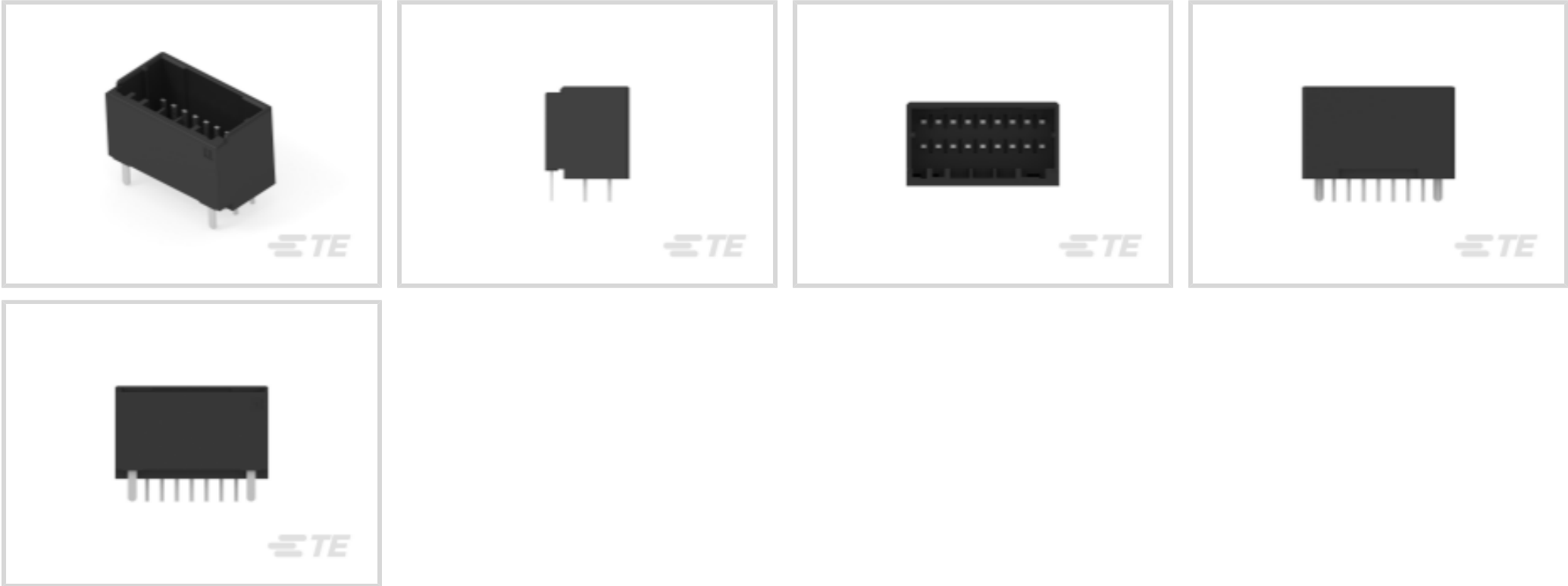




Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **18**

Number of Rows: **2**

[All Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated \(53\)](#)

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	125 VDC
-------------------	---------

Body Features

Primary Product Color	Natural
-----------------------	---------



Contact Features

Mating Tab Width	.7 mm[.028 in]
Contact Shape & Form	Rectangular
Contact Mating Area Length	3.6 mm[.141 in]
Contact Base Material	Copper Alloy
Mating Tab Thickness	.5 mm[.02 in]
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.05 mm[.12 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Latching
Mating Retention	With
Mating Alignment Type	Keyed
PCB Mount Retention Type	Retention Leg
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	3.3 mm[.129 in]
Connector Width	11.3 mm[.444 in]
PCB Thickness (Recommended)	1.0 – 1.6 mm[.039 – .062 in]
Connector Height	12.45 mm[.490 in]



Connector Length	20.6 mm[.811 in]
------------------	------------------

Packaging Features

Packaging Quantity	20
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

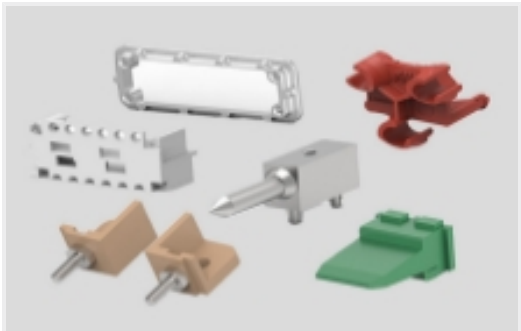




Also in the Series | [Dynamic 1000 Series](#)



[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\(33\)](#)

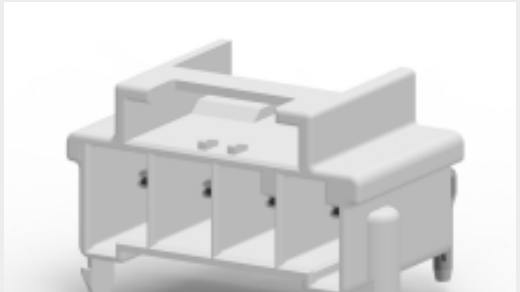
Customers Also Bought



TE Part #1-1630019-4
[HSC200 2K4 5%](#)



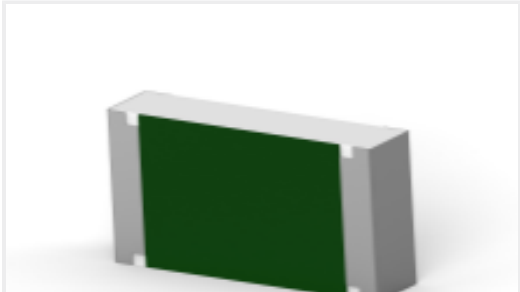
TE Part #YD369-B99-NP400000
[369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN](#)



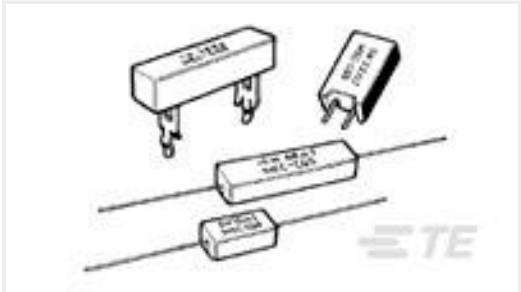
TE Part #1-1969694-4
[PTL 1X4 PCB HEADER R/A HITEMP KEY A LGR](#)



TE Part #YD369-B99-NS400000
[369 9 WAY PANEL MNT REC, 90 PCB GOLD,SKT](#)



TE Part #9-2176397-4
[3502 7K5 1%](#)



TE Part #2-1623795-3
[SQP2 R047 5% WIRE](#)



TE Part #YD369-B99-AP400000
[369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN](#)



TE Part #YDTS24T21-35SNV001
[RECP ASSY](#)



TE Part #YDTS24T15-18PNV001
[RECP ASSY](#)



Documents

Product Drawings

DYNAMIC 1100D HDR ASSY V 18PX

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2040557-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2040557-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2040557-9_B.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Agency Approvals

UL

English