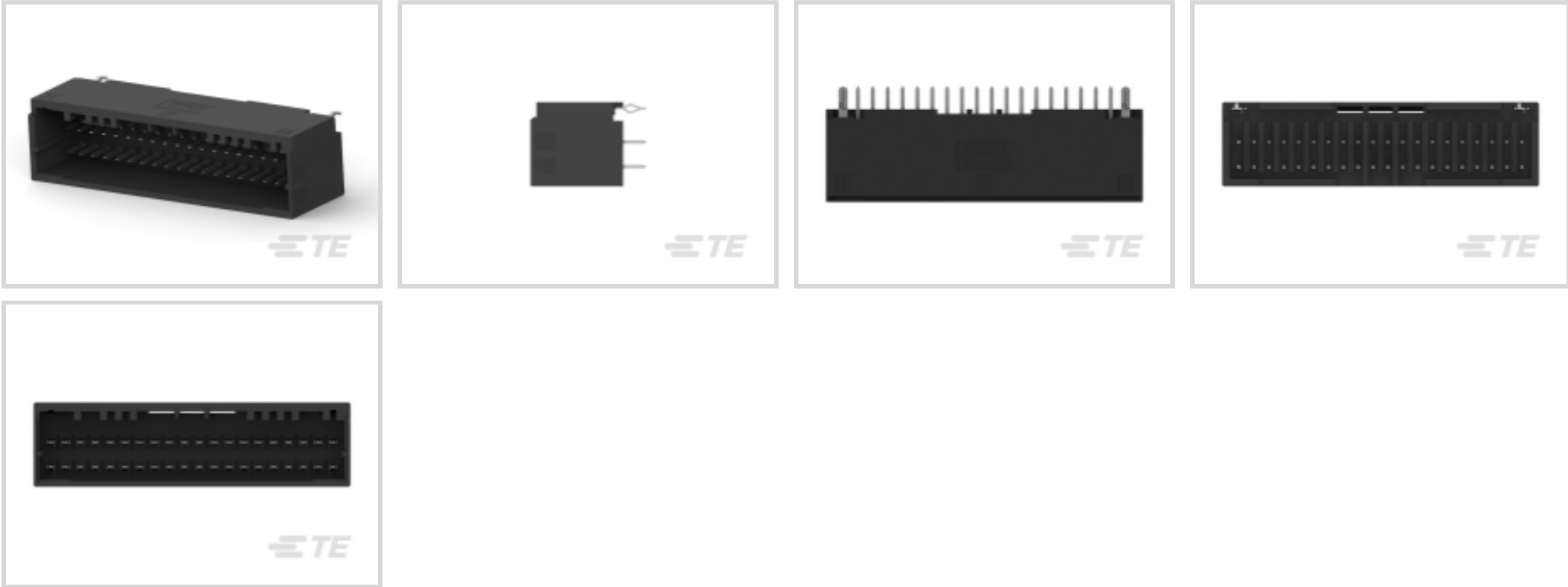




Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **40**

Number of Rows: **2**

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

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Thickness	1 μm[40 μin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Retention Leg
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Peg
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]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box, 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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

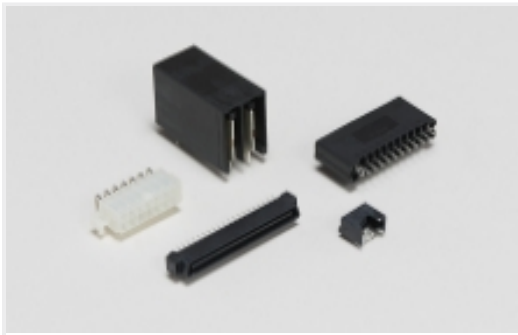
TE Part # 1-1827863-0
DYNAMIC 1100D REC HSG X 40P BL

Also in the Series | Dynamic 1000 Series

Connector Contacts(40)	Connector Hardware(3)	PCB Headers & Receptacles(169)	Power Contacts(9)



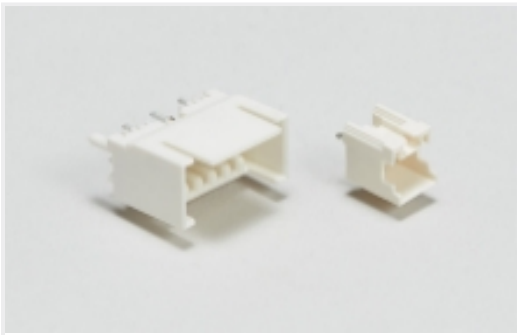
Rectangular Connector Housings(2)



Standard Rectangular Connectors(2)

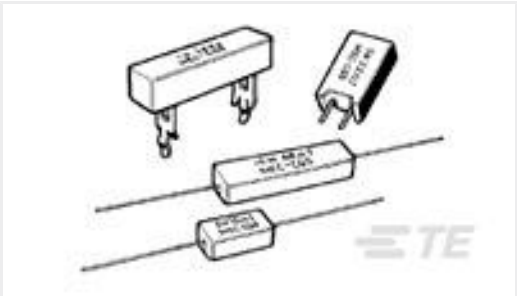


Wire-to-Board Connector Assemblies & Housings(152)



Wire-to-Board Headers & Receptacles (169)

Customers Also Bought



TE Part #2-1623795-3
SQP2 R047 5% WIRE



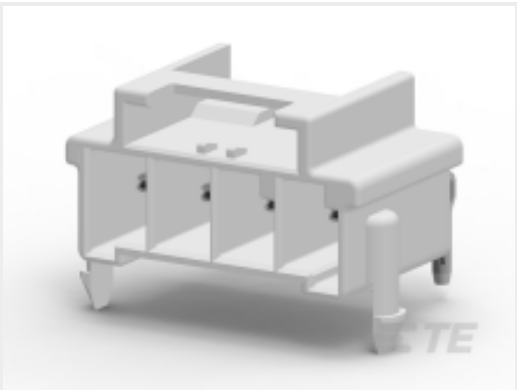
TE Part #YD369-B99-AP400000
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



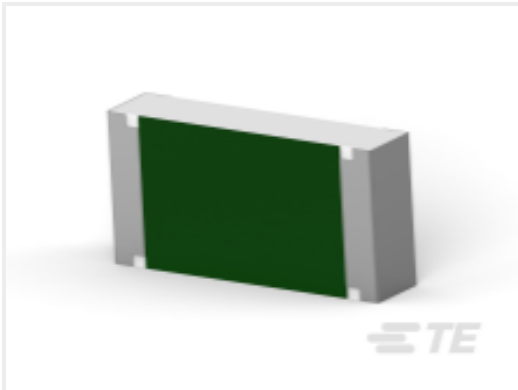
TE Part #1-1630019-4
HSC200 2K4 5%



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 #9-2176397-4
3502 7K5 1%



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



TE Part #YDTS24T15-18PNV001
RECP ASSY



TE Part #YDTS24T21-35SNV001
RECP ASSY

Documents

Product Drawings

DYNAMIC 1100D HDR ASSY V 40PX BLACK TIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2329463-0_B.2d_dxf.zip

1-2329463-0

PCB Mount Header, Vertical, Wire-to-Board, 40 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin (Sn), Dynamic 1000 Series



English

Customer View Model

[ENG_CVM_CVM_1-2329463-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2329463-0_B.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English