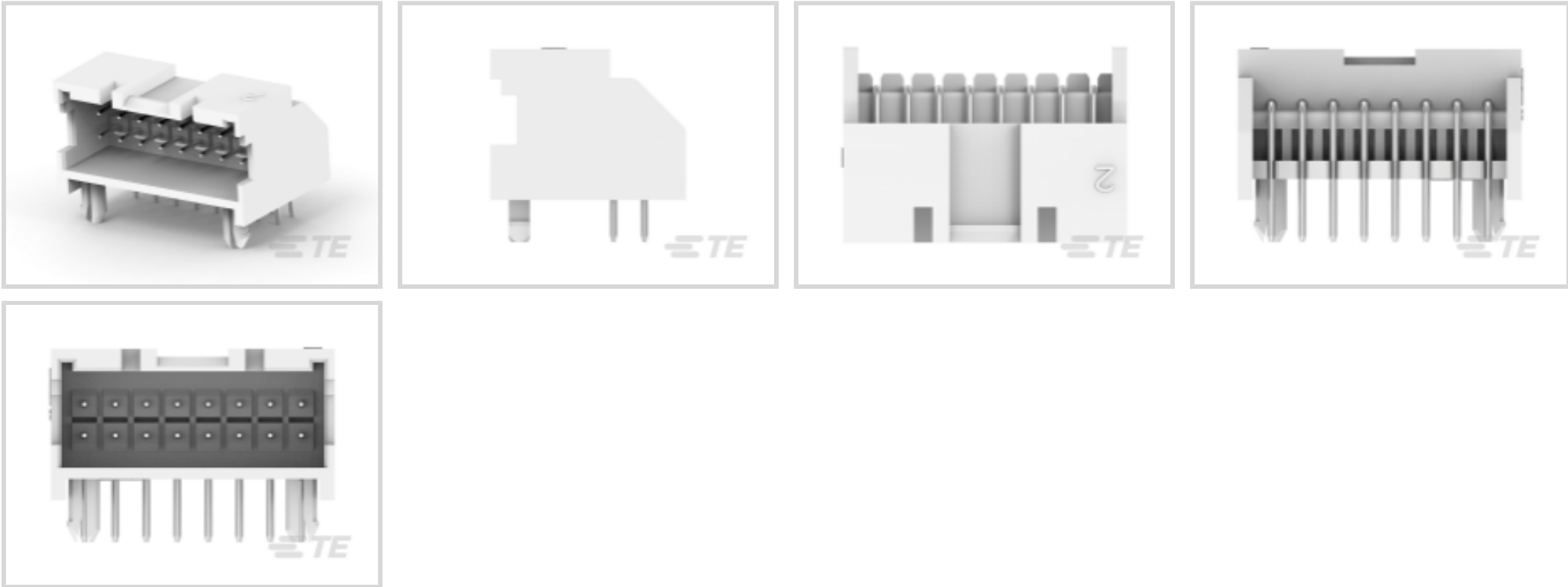




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **16**

Centerline (Pitch): **2.5 mm [.098 in]**

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	Right Angle
Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features



Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	.6 mm[.024 in]
Contact Underplating Material Thickness	1.25 µm[49.21 µin]
PCB Contact Termination Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material Thickness	2 µm[78.74 µin]
Contact Shape & Form	Round
Contact Layout	Matrix
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 µm[78.74 µin]
Contact Type	Pin
Contact Current Rating (Max)	4.2 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Latch
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon



Dimensions

	.901 in
Row-to-Row Spacing	2.5 mm[.098 in]
Connector Width	15.75 mm[.62 in]
Connector Height	12.17 mm[.479 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

Compatible With Agency/Standards Products	UL, VDE
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	133
Packaging Method	Tray

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	Not reviewed for solder process capability

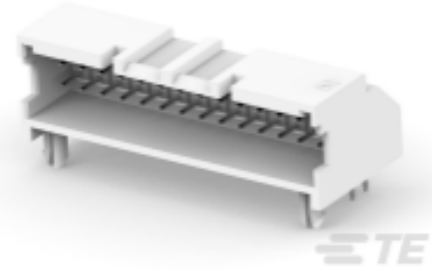
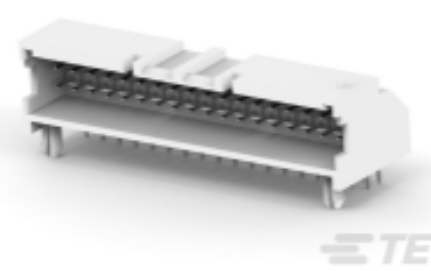
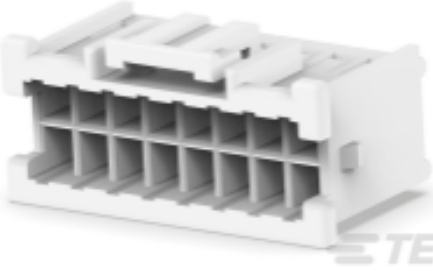
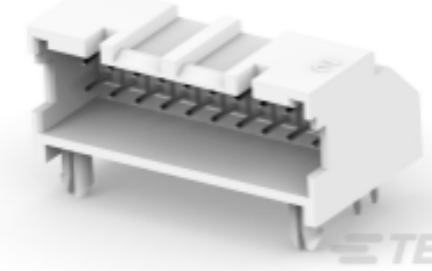
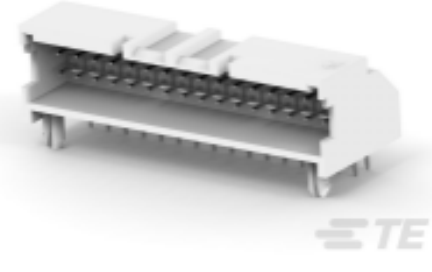
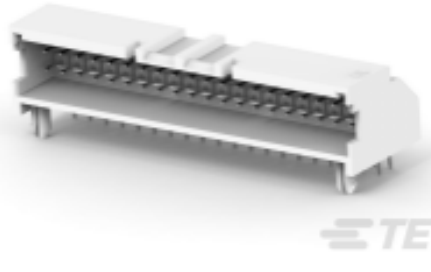
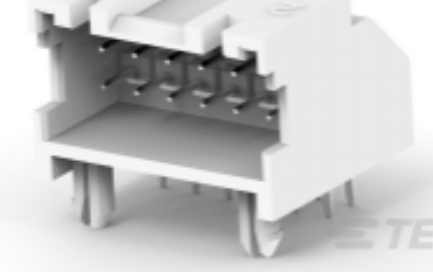
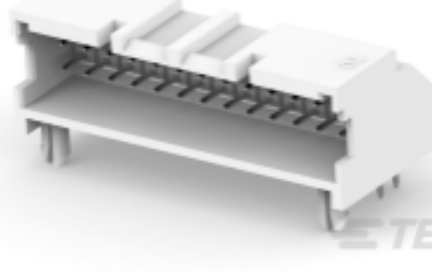
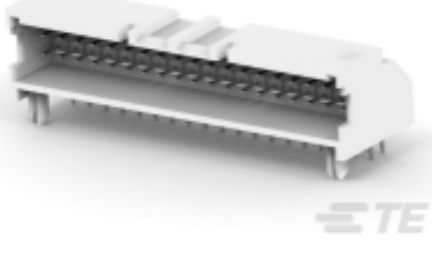
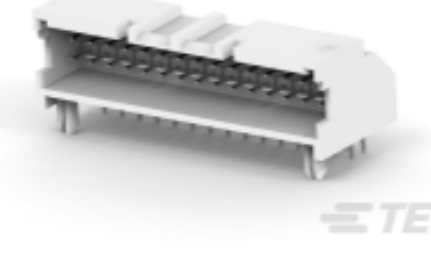
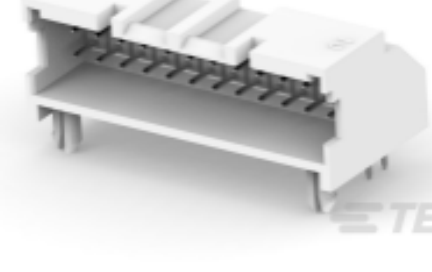
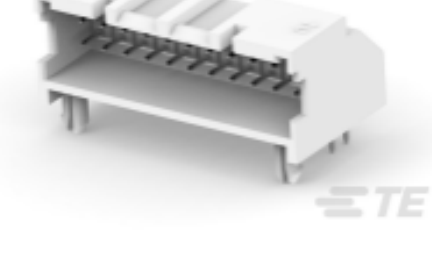
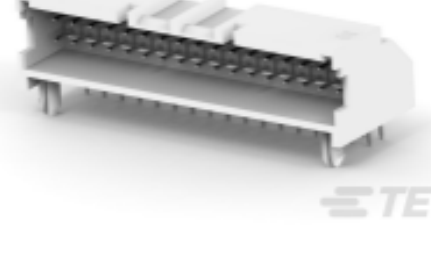
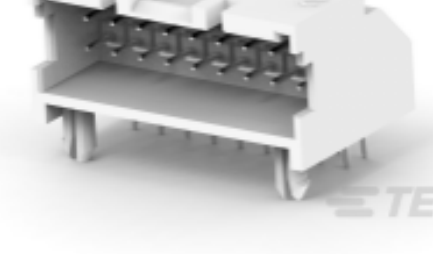
Product Compliance Disclaimer

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>

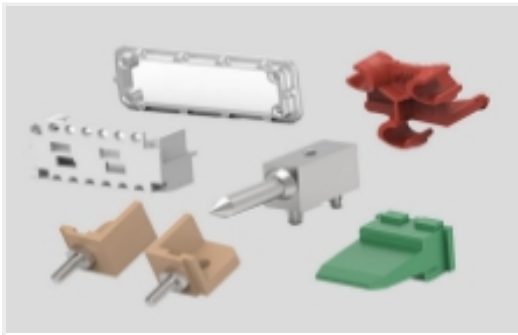
Compatible Parts

 TE Part # 2-2323750-8 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 3-2323750-6 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 1-2324579-6 HOUSING, PLUG, 16P, DUAL ROW, EP2.5	 TE Part # 2-2323750-0 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5
 TE Part # 3-2323750-2 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 4-2323750-0 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 1-2323750-2 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 2-2323750-6 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5
 TE Part # 3-2323750-8 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 3-2323750-0 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 1-2323750-0 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 2-2323750-4 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5
 TE Part # 2-2323750-2 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 3-2323750-4 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 1-2323750-8 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5	 TE Part # 1-2323750-4 ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5

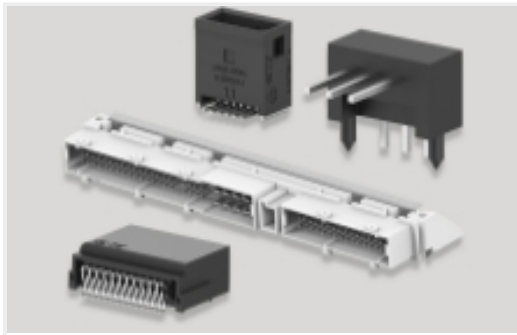
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



Rectangular Connector Housings(305)



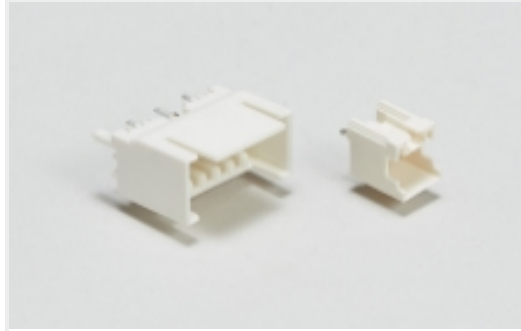
Rectangular Power Connectors(835)



Standard Rectangular Connectors(305)



Wire-to-Board Connector Assemblies & Housings(134)



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



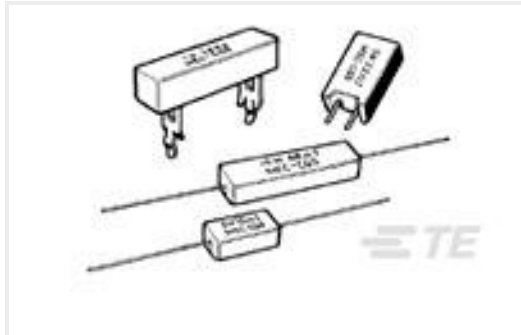
TE Part #YD369-B99-NP400000
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



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



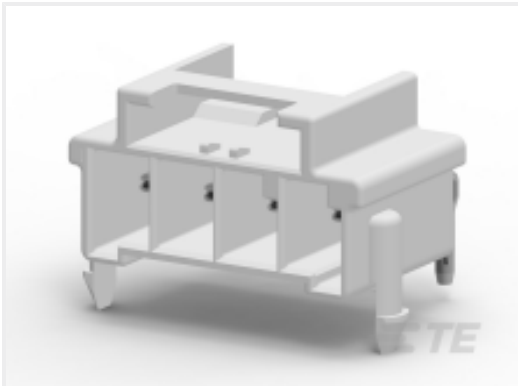
TE Part #YD369-B99-AP400000
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



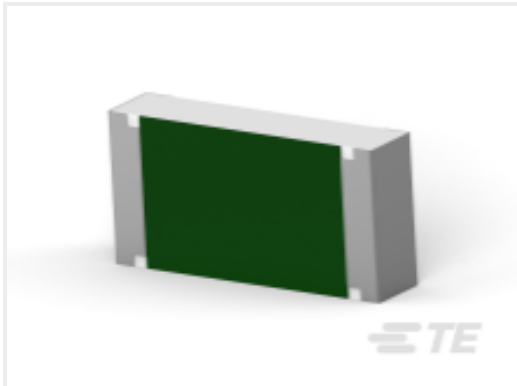
TE Part #2-1623795-3
SQP2 R047 5% WIRE GOLD,PIN



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



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 #YDTS24T21-35SNV001
RECP ASSY



TE Part #YDTS24T15-18PNV001
RECP ASSY

Document



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2323750-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2323750-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2323750-6_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English