1-2390136-5 ✔ ACTIVE

HPI

TE Internal #: 1-2390136-5

PCB Mount Header, Wire-to-Board, 15 Position, 1.25 mm [.049 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Power & Signal, Natural, HPI

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **15**

Centerline (Pitch): **1.25 mm [.049 in]**

Termination Method to PCB: **Surface Mount**

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

Number of Positions	15
Number of Rows	1

Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	100 MΩ
Dielectric Withstanding Voltage (Max)	500 V

Body Features

Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 2.7 µm[50 – 106 µin]
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	2 µm[80 µin]
Contact Layout	Staggered
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Type	Pin
Contact Current Rating (Max)	1 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention Type	Latch
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Polarization
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.25 mm[.049 in]
Housing Material	Liquid Crystal Polymer (LCP)

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1500
Packaging Method	Carton, Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

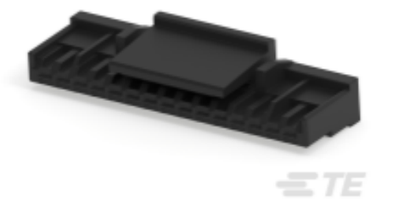
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

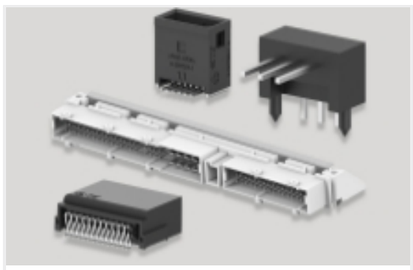
TE Part # 1-2390144-5
1.25P 15POS WTB CABLE HSG NA



TE Part # 3-2390144-5
1.25P 15POS WTB CABLE HSG BL

Also in the Series | HPI

Connector Contacts(3)



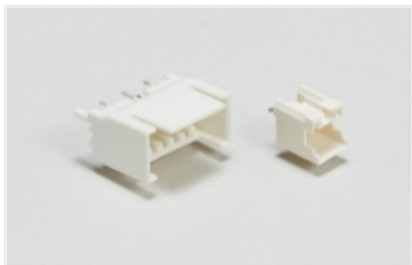
PCB Headers & Receptacles(332)

Power Contacts(2)

Rectangular Connector Housings(132)

Rectangular Power Connectors(354)

Wire-to-Board Connector Assemblies & Housings(90)



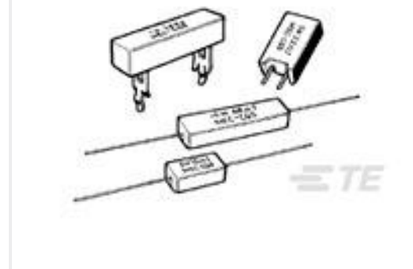
Wire-to-Board Headers & Receptacles (332)

Customers Also Bought

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

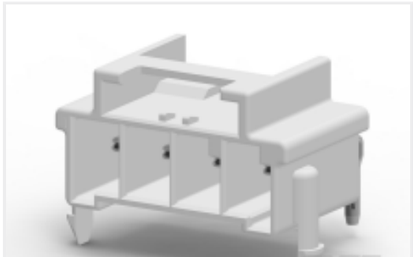
TE Part #YD369-B99-NP400000
369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN

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

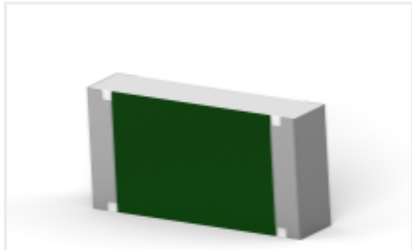


TE Part #2-1623795-3
SQP2 R047 5% WIRE

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

Documents

Product Drawings

1.25P 15POS WTB R/A BRD W LATCH TIN NA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2390136-5_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2390136-5_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2390136-5_1.3d_stp.zip

English

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Product Specifications

Product Specification

English