2317374-1 ✔ ACTIVE

Economy Power 2.5

TE Internal #: 2317374-1

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.5 mm Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Economy Power 2.5

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch): **2.5 mm**

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

PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Body Features

Primary Product Color	Natural

Contact Features

Contact Underplating Material	Nickel

Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

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

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm
Housing Material	Nylon

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag, Box

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 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	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



TE Part # 2834006-1
RELEASE POKE-IN CONNECTOR_1POLES



TE Part # 2834385-2
RELEASE POKE-IN CONNECTOR_2P_NATURAL



TE Part # 2834334-2
4.0PITCH ITB CONN_2P_W CAP_NATURAL



TE Part # CAT-SL36-M6642B
Miniature Headers, SlimSeal

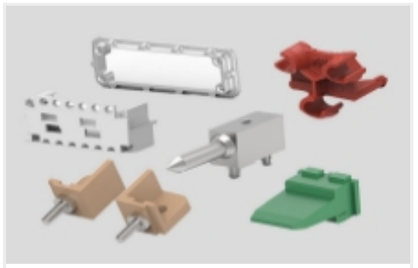


TE Part # 2834167-3
RELEASABLE SLIM CONTACT

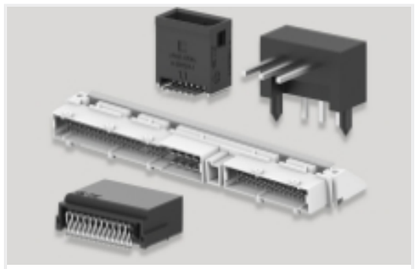
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



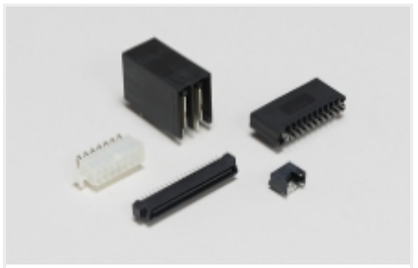
PCB Headers & Receptacles(533)



Rectangular Connector Housings(305)



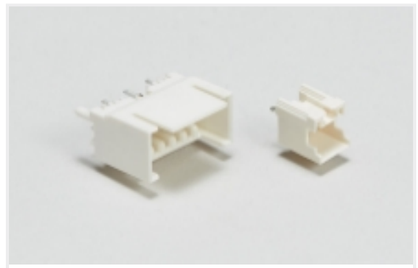
Rectangular Power Connectors(835)



Standard Rectangular Connectors(305)



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



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



TE Part #292207-3
MINI CT SGL DIP V 3P NAT



TE Part #292207-7
MINI CT SGL DIP V 7P NAT



TE Part #2318044-1
CABLE ASSEMBLY, EB, SK5 POS EP 2P5

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2317374-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2317374-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2317374-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English