

#### **Economy Power 2.5**

TE Internal #: 4-2338245-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.5 mm [. 098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder,

Economy Power 2.5

View on TE.com >



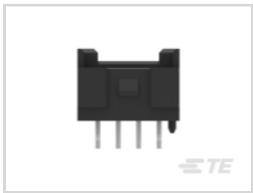
Connectors > PCB Connectors > PCB Headers & Receptacles











PCB Connector Assembly Type: PCB Mount Header

Contact Mating Area Plating Material Finish

Connector System: Wire-to-Board

Number of Positions: 4
Number of Rows: 1

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

#### **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	
Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical
Body Features	
Primary Product Color	Black
Contact Features	
Contact Mating Area Plating Material Thickness	2 μm[80 μin]

Bright



Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Housing Features	
Housing Material	PBT
Centerline (Pitch)	2.5 mm[.098 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & 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 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)

Not reviewed for solder process capability

Does not contain REACH SVHC

Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

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-onreach

# Compatible Parts



version



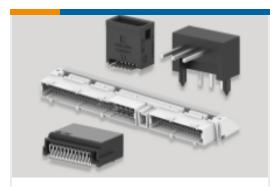
# Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware (49)



PCB Headers & Receptacles(537)



Wire-to-Board Connector Assemblies & Housings(305)

### **Documents**

**Product Drawings EP2.5 HDR 4P VERT BOSS, BLACK, UL** 

English

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5



**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_4-2338245-4\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_4-2338245-4\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_4-2338245-4\_A.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

**Agency Approvals** 

**UL Report** 

English