

## LUMAWISE | Inverted Thru-Board

TE Internal #: 2154829-3

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.96 mm [.

156 in] Centerline, Tin, Surface Mount, Power, Natural, Inverted

Thru-Board

View on TE.com >



#### Connectors > PCB Connectors > PCB Headers & Receptacles











PCB Connector Assembly Type: PCB Mount Header

PCB Mount Orientation: Vertical
Connector System: Wire-to-Board

Number of Positions: 4
Number of Rows: 1

## **Features**

### **Electrical Characteristics**

Operating Voltage	600 VDC
Dimensions	
Connector Width	8.4 mm[.331 in]
Connector Height	15.3 mm[.602 in]
Connector Length	17.38 mm[.684 in]
Packaging Features	
Packaging Quantity	300
Packaging Method	Tape & Reel
Industry Standards	
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977
UL Flammability Rating	UL 94V-0

Mechanical Attachment



Mating Retention Type	Polarized Lock
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With
Tamain ation Factories	

#### **Termination Features**

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Surface Mount

## **Contact Features**

Contact Underplating Material	Nickel
Contact Fabrication	Stamped & Formed
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	7 A

# **Housing Features**

Mating Entry Location	Bottom
Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	3.96 mm[.156 in]

# **Product Type Features**

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

# **Configuration Features**



PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1
Body Features	
Primary Product Color	Natural
Usage Conditions	
Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
Operation/Application	
Circuit Application	Power
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	

# **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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

#### Product Compliance Disclaimer

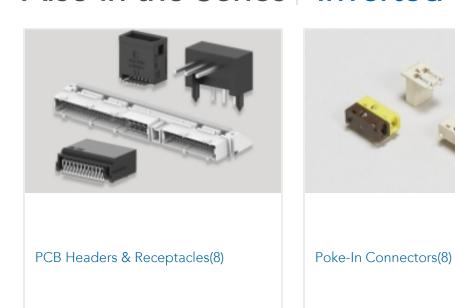
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

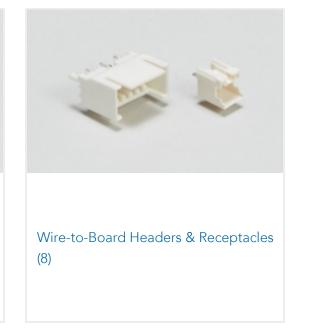


# Compatible Parts



# Also in the Series | Inverted Thru-Board



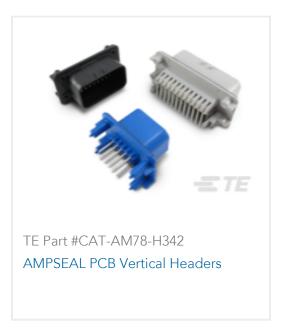


# Customers Also Bought





















## **Documents**

### **Product Drawings**

High Power Inverted Thru Board Con 4 Pos

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2154829-3\_A\_c-2154829-3-a.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2154829-3\_A\_c-2154829-3-a.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2154829-3\_A\_c-2154829-3-a.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# Datasheets & Catalog Pages

**Inverted Thru Board Interconnects** 

**Inverted Thru Board Interconnects** 

English

5-17737700-9\_HPInverted\_brochure

English

# **Product Specifications**

**Application Specification** 

English

# Agency Approvals

**UL Report** 

English