1-5532446-9 ACTIVE

AMP-HDI

TE Internal #: 1-5532446-9

PCB Mount Header, Vertical, Board-to-Board, 200 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-

Fit, Signal, Natural

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: PCB Mount Header

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

Number of Positions: 200
Number of Rows: 2

Features

Electrical Characteristics

Insulation Resistance	2 ΜΩ
Dimensions	
Connector Height	11.73 mm[.461 in]
Packaging Features	
Packaging Quantity	2
Packaging Method	Tube
Usage Conditions	
Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Mechanical Attachment	
PCB Mount Retention Type	Action/Compliant Tail
PCB Mount Retention	With
PCB Mount Alignment	Without



Connector Mounting Type	Board Mount
Mating Alignment	Without
Termination Features	
Termination Post & Tail Length	6.35 mm[.25 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Press-Fit
Contact Features	
	29.9212 µin
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	.1 μm[3.937 μin]
Contact Shape & Form	Four Beam
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Product Type Features	
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
PCB Mount Orientation	Vertical
Number of Positions	200
Number of Rows	2
Body Features	
Primary Product Color	Natural
Operation/Application	



Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Other	
Other EU RoHS Compliance	Compliant

Product Compliance

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

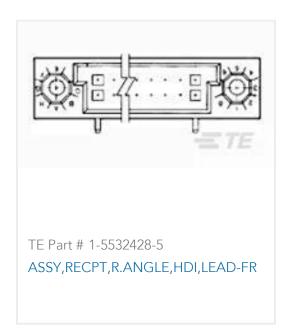
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable 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





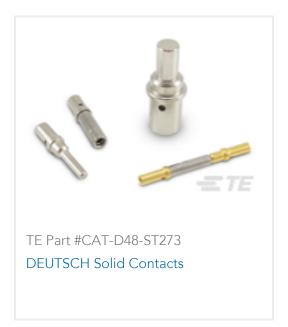


Customers Also Bought













Documents

Product Drawings

ASSY,PIN,VERTICAL,HDI,LEAD-FRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5532446-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-5532446-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5532446-9_A.3d_stp.zip

English

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

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Datasheets & Catalog Pages

1-1773957-5_AMP_HDI_BTB_CONNECTORS_EN

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English