TE Internal #: 5-147343-1

PCB Mount Header, Vertical, Board-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-Fit,

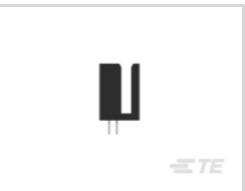
Signal, Black

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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: 50

Number of Rows: 2

Features

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	50
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Contact Features

Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Mechanical Attachment	
Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Glass Filled Nylon
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Type	Tube

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)



Does not contain REACH SVHC

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



Documents

Product Drawings

18/50 MODII 2PC HDR DR SHRD, ROHS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-147343-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-147343-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-147343-1_B.3d_stp.zip

English

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

PCB Mount Header, Vertical, Board-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Press-Fit, Signal, Black



Product Specifications

Application Specification

English

AMPMODU Mod II 2-Piece Double Row Header Assemblies

English