AMPMODU

TE Internal #: 5-146276-4

PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54 mm [. 1 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal,

Black, Carton

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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: 4 Number of Rows: 1

Features

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]	

Contact Features

Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Underplating Material Thickness	1.27 μm[50 μin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	LCP
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Board-to-Board Configuration	Parallel
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PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1
Product Type Features	
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Body Features	
Primary Product Color	Black
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
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 Method	Carton
Other	
EU RoHS Compliance	Compliant
EU ELV 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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste 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





Customers Also Bought

PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, Black, Carton





TE Part #102241-4
06 MODIV HSG COMP SR .100 POL



TE Part #5-146281-3 03 MODII HDR SRST B/A LF



TE Part #5-146281-6 06 MODII HDR SRST B/A .100CL



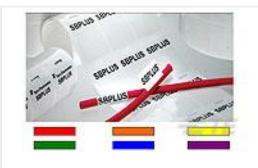
TE Part #61831-1
WING TYPE STRAIN RELIEF TPST



TE Part #9-146276-0 40 MODII HDR SRST B/A .100CL



TE Part #102241-5
07 MODIV HSG COMP SR .100 POL



TE Part #CM9613-000 SBP050100WE10



TE Part #227161-9
RTANG JACK W/MTG PINS,BNC PCB



TE Part #87499-3 02 MODIV HSG SR MRKD .100CL



TE Part #5-146280-7 07 MODII HDR SRST B/A .100CL

Documents

Product Drawings

04 MODII HDR SRST B/A .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-146276-4_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-146276-4_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-146276-4_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

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AMPMODU Interconnetion System

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English