5-146278-9 - ACTIVE

#### AMPMODU

TE Internal #: 5-146278-9 PCB Mount Header, Vertical, Board-to-Board, 9 Position, 2.54 mm [. 1 in] Centerline, Breakaway, Tin, Through Hole - Solder, Signal, Black

View on TE.com >



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: 9

Number of Rows: 1

### Features

## Product Type Features

PCB Connector Assembly Type

Connector System

Header Type

PCB Mount Header

Board-to-Board

Breakaway

Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
PCB Mount Orientation	Vertical
Number of Positions	9
Number of Rows	1
Board-to-Board Configuration	Parallel
Body Features	
Primary Product Color	Black
Contact Features	
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Underplating Material Thickness	1.27 μm[50 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel

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PCB Contact Termination Area Plating Material	Tin		
Contact Base Material	Copper Alloy		
Contact Mating Area Plating Material	Tin		
Contact Mating Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]		
Contact Type	Pin		
Contact Current Rating (Max)	3 A		
Termination Features			
Termination Method to Printed Circuit Board	Through Hole - Solder		
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]		

### Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]	
Operation/Application		
Circuit Application	Signal	
Industry Standards		
UL Flammability Rating	UL 94V-0	
Packaging Features		
Packaging Type	Carton	
Product Compliance		
Product Compliance For compliance documentation, visit the product page on TE.com>		
·	Compliant	
For compliance documentation, visit the product page on TE.com>	Compliant Compliant	
For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU		

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Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Halogen Content

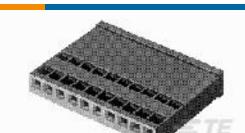
Pin-in-Paste capable to 260°C

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**









I E				
TE Part # 1-87499-6 09 MODIV HSG COMP SR .100CL	TE Part # 2-87175-0 09 LOCKING CLIP HSG SR .100CL	TE Part # 1-5535677-0 09 MODII HORZ SR CE 100CL	TE Part # 146763-9 09 MODII VRT SR CE 100	



**Customers Also Bought** 

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## Documents

### **CAD** Files

### 3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_5-146278-9\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-146278-9\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-146278-9\_E.3d\_stp.zip

English

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

Agency Approvals UL

English