5-146280-8 - ACTIVE

### AMPMODU

TE Internal #: 5-146280-8 PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [. 1 in] Centerline, Breakaway, Gold, 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: 8

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	8
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	Gold
Contact Mating Area Plating Material Thickness	.38 μm[15 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
PCB Mount Alignment Connector Mounting Type	Without Board Mount
Connector Mounting Type	

## Dimensions

1.6 mm[.063 in]
-55 – 125 °C[-67 – 257 °F]
Signal
UL 94V-0
Carton
Compliant
Compliant

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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

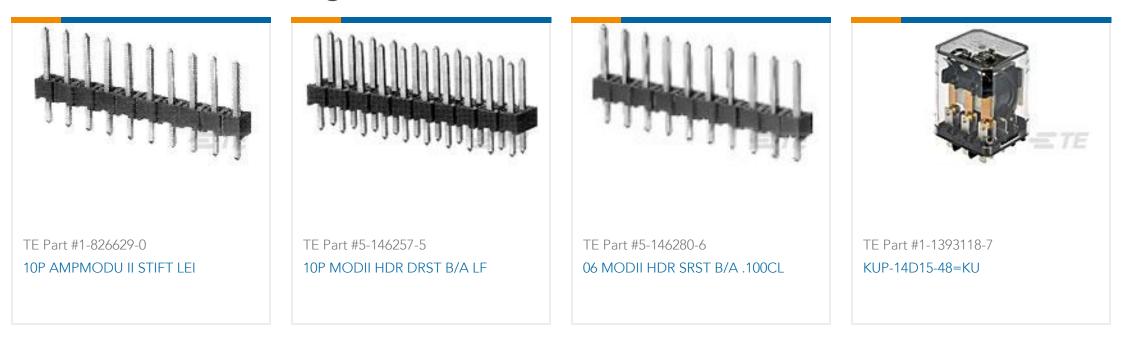
#### Product Compliance Disclaimer

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



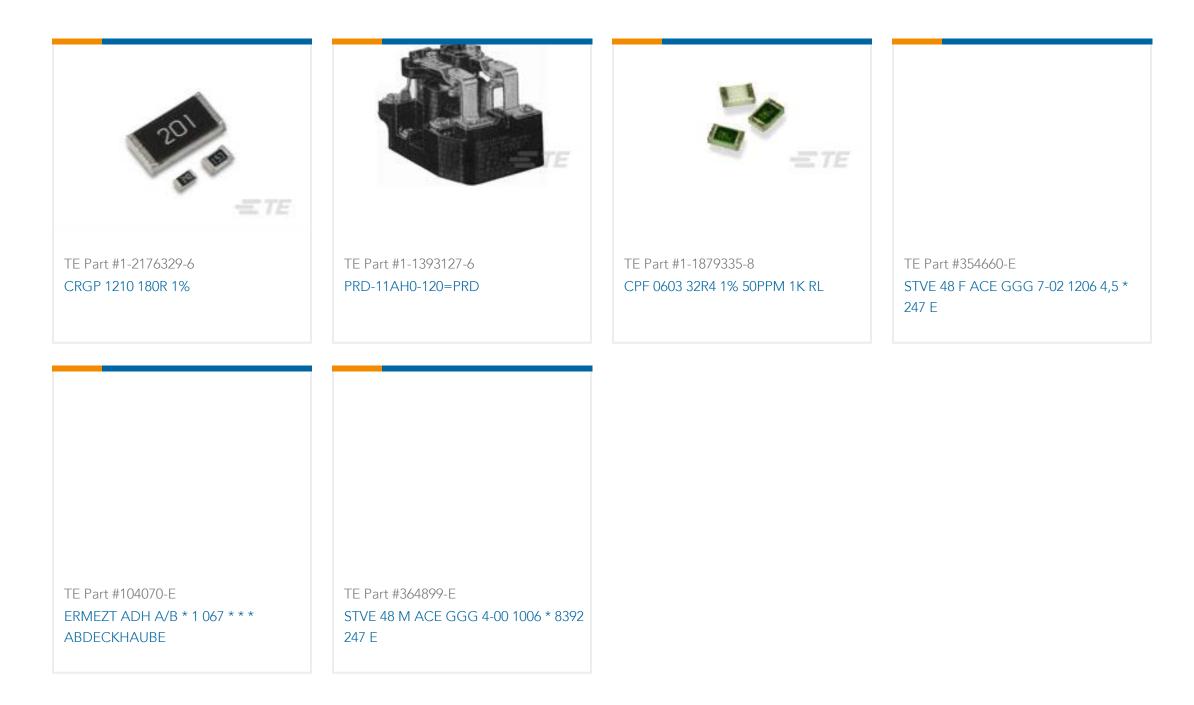
# Customers Also Bought



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## Documents

**CAD** Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-146280-8\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-146280-8\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-146280-8\_D.3d\_stp.zip

English

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

Product Environmental Compliance MD\_5-146280-8\_09232015106\_dmtec

English

MD\_5-146280-8\_09232015106\_dmtec

English