

5-147279-1 ✓ ACTIVE

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TE Internal #: 5-147279-1

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Surface Mount, Signal, Black, AMPMODU Headers

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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: **6**

Number of Rows: **2**

## Features

### 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

### Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	2
Board-to-Board Configuration	Parallel

### Body Features

Primary Product Color	Black
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 μin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead



Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

### Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in] .05 in
Termination Method to Printed Circuit Board	Surface Mount

### Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)

### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

### Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

### Operation/Application

Assembly Process Feature	Pick and Place Cap
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	250
Packaging Type	Tape & Reel



## 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	Reflow solder 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

<p>TE Part # 215307-6 2X6P HV100 REC CON. TE, 7.0MM</p>	<p>TE Part # 87133-7 06 LOCKING CLIP HSG DR .100CL</p>
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Also in the Series | [AMPMODU Headers](#)



PCB Connector Mounting(1)	PCB Connector Shrouds(1)	PCB Headers & Receptacles(4875)	PCB Latches, Locks & Retainers(1)
Wire-to-Board Connector Assemblies & Housings(5)	Wire-to-Board Connector Contacts(65)		

### Customers Also Bought

TE Part #ZPF000000000100858 DMC-MD 24 D	TE Part #2000892-2 Fortis Zd 3Pr 10Col R/A Right Module Asy	TE Part #ZPF000000000146485 732-8294-22	TE Part #ZPF000000000149289 732-8298-03
TE Part #ZPF000000000149290 732-8299-03	TE Part #2828645-1 ASSY PIN MODULE, 16-02 PCB STRAIGHT, LOW	TE Part #ZPF000000000200899 D-BOX-D-CD-L 01	TE Part #WM11BF06-09PN-990A RECP ASSY

### Documents

#### Product Drawings

06 MODII HDR DR SFMT B/A T&R LF

English

#### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-147279-1\_S.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-147279-1\\_S.3d\\_igs.zip](#)

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Customer View Model

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**Product Environmental Compliance**

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