

826947-8 ✓ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 826947-8

PCB Mount Header, Right Angle, Board-to-Board, 8 Position, .1 in [2.54 mm] Centerline, Breakaway, Tin, Through Hole - Solder, Signal, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **8**

Number of Rows: **1**

## 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	Right Angle
Number of Positions	8
Number of Rows	1
Board-to-Board Configuration	Perpendicular

### Electrical Characteristics

Insulation Resistance	5000 M $\Omega$
Dielectric Withstanding Voltage (Max)	750 Vrms

### Body Features

Primary Product Color	Green
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	2 µm
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

### Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.2 mm[.126 in]
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]
Housing Material	PBT

### Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

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

Packaging Quantity	400
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Packaging Type

Box

### 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: JAN 2021 (211)  
SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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



TE Part # 925369-8  
MOD 4 FEM HSG WITH



TE Part # 215298-8  
8P HV100 REC CON. TE, 7.0MM,TIN



TE Part # 1355344-8  
8P HV100 REC. CON, SMD, TIN, BLISTER

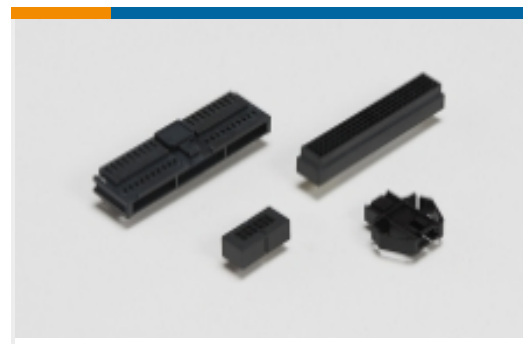


TE Part # 215300-8  
8P HV100 REC CON. TE, 8.5MM,TIN

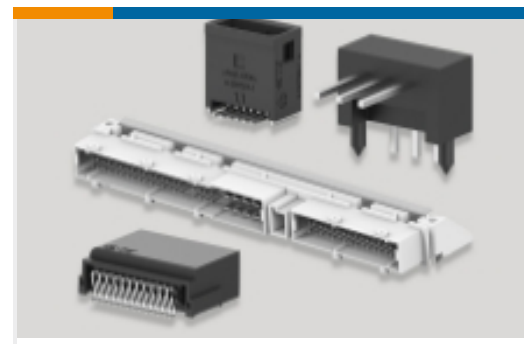
Also in the Series | [AMPMODU Headers](#)



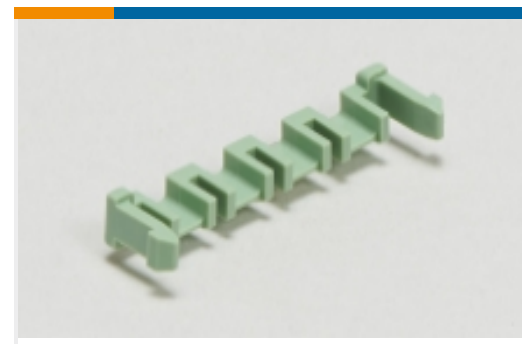
PCB Connector Mounting(1)



PCB Connector Shrouds(1)



PCB Headers & Receptacles(6848)



PCB Latches, Locks & Retainers(2)

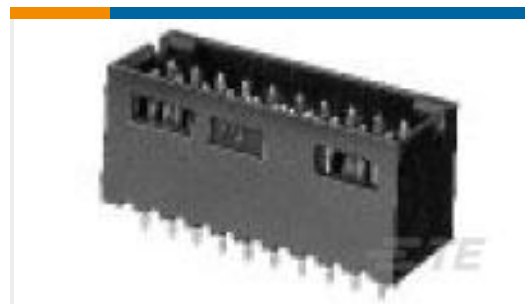


Wire-to-Board Connector Assemblies & Housings(5)

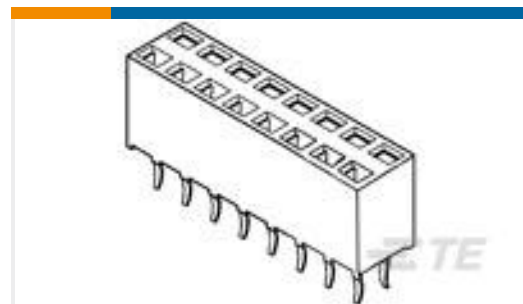


Wire-to-Board Connector Contacts(66)

## Customers Also Bought



TE Part #5-102618-3  
10 MODII HDR DRST SHRD .100CL



TE Part #215309-4  
2X4P HV100 REC CON. TE, 8.5MM



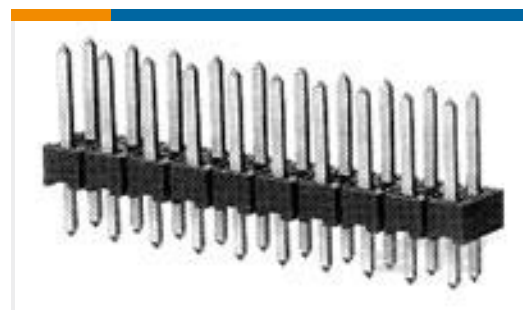
TE Part #5145154-4  
STANDARD EDGE .050 SERIES 60  
DUAL ASSY



TE Part #1-770902-1  
MINI UMNL SOK 26-22 AWG AU LF



TE Part #1-794226-0  
MINI UMNL2 PIN 26-22AWG LP LF



TE Part #826656-3  
3P AMPMODU II STIFT LEI



TE Part #1-1393586-8  
V23535A2200A260=BKMOD421  
HEADE



TE Part #1393558-3  
C42334A 421C 41 \*Z150



TE Part #1393558-5  
C42334A 421C 51 \*Z150

## Documents



### Product Drawings

[8P MOD2 STIFT LEI](#)

English

[8P MOD2 STIFT LEI](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_826947-8\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_826947-8\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_826947-8\\_M.3d\\_stp.zip](#)

English

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### Agency Approvals

[UL Report](#)

English