# 3-826953-2 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 3-826953-2

PCB Mount Header, Right Angle, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin (Sn), Through Hole - Solder, AMPMODU Headers

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PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **64**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [ .1 in ]**

## Features

### Product Type Features

| | |
|---|---|
| PCB Connector Type | PCB Mount Header |
| Connector System | Board-to-Board |
| Header Type | Breakaway |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |

### Configuration Features

| | |
|---|---|
| Connector Contact Load Condition | Fully Loaded |
| Number of Positions | 64 |
| Number of Rows | 2 |
| PCB Mount Orientation | Right Angle |
| Board-to-Board Configuration | Perpendicular |

### Electrical Characteristics

| | |
|---|---|
| Insulation Resistance | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 Vrms |

### Body Features

| | |
|---|---|
| Primary Product Color | Green |

### Contact Features

| | |
|---|---|
| Contact Underplating Material | Nickel |
| Mating Square Post Dimension | .63 mm[.025 in] |
| PCB Contact Termination Area Plating Material Thickness | 2 µm |
| Contact Shape & Form | Square |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 3 µm[118.11 µin] |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Type | Pin |
| Contact Current Rating (Max) | 5 A |

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.2 mm[.126 in] |
| Square Termination Post & Tail Dimension | .63 mm[.025 in] |
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Mating Alignment | Without |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | PBT |

## Dimensions

| | |
|---|---|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

## Usage Conditions

| | |
|---|---|
| Housing Temperature Rating | Standard |
| 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 Quantity | 100 |
| Packaging Method | Carton |

## Product Compliance

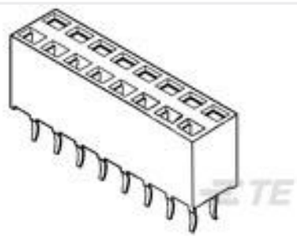
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 240°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 # 3-215310-2
2X32P HV100 REC CON. TE, 8.5MM, TIN



TE Part # 3-215308-2
2X32P HV100 REC CON. TE, 7.0MM, TIN

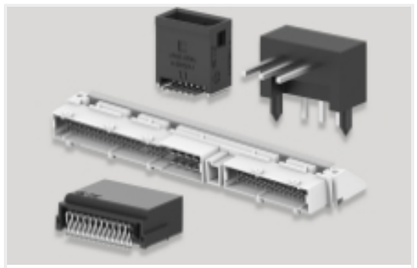
## Also in the Series | AMPMODU Headers



Automotive Headers(3)



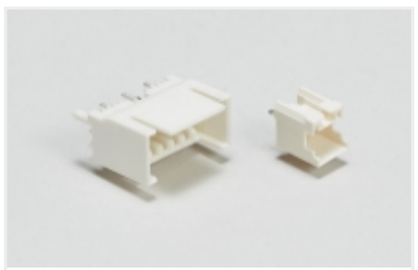
Automotive Signal & Power Headers(3)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)



Wire-to-Board Headers & Receptacles (78)

## Customers Also Bought



TE Part #T4143512051-000
M12,FRONT MOUNTING,FEMALE,D CODE,5P



TE Part #8-1393239-7
RT314F12



TE Part #9-1393239-3
RT314006



TE Part #1393240-7
RT314730



TE Part #2-1393250-7
W28-XQ1A-12=W28



TE Part #4-1437662-6
BC6-T408-04=BC6 ASSEMBLY



TE Part #1825965-1
FSMH=3.5 X 6.0 X 5.0 TACT SWITCH, HT

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-826953-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-826953-2_M.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_3-826953-2_M.3d_stp.zip

English

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## Agency Approvals

UL Report

English