# 825433-8 ✔ ACTIVE

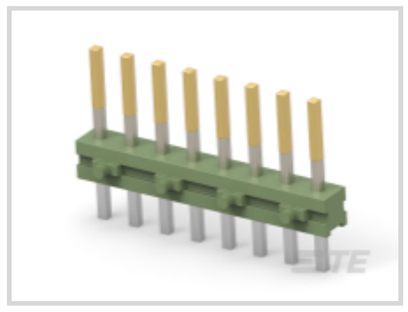
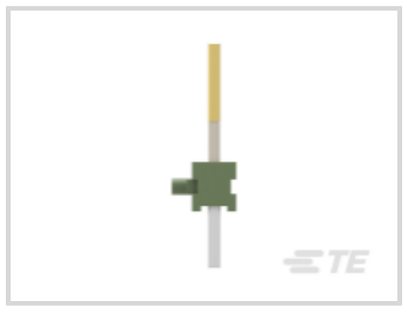
AMPMODU | AMPMODU Headers

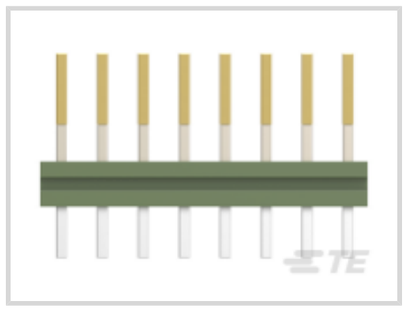
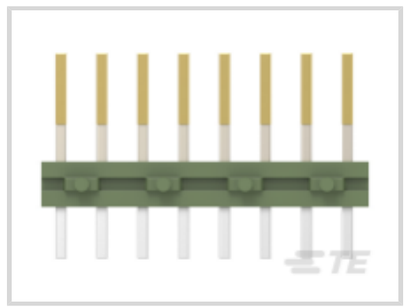
TE Internal #: 825433-8

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au) / Gold Flash, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **8**

Number of Rows: **1**

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 | 8 |
| Number of Rows | 1 |
| PCB Mount Orientation | Vertical |
| Board-to-Board Configuration | Parallel |

### 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 | .64 mm[.025 in] |
| PCB Contact Termination Area Plating Material Thickness | 2.5 µm |
| Contact Shape & Form | Square |
| Contact Base Material | Brass |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .8 µm[31.5 µin] |
| Contact Mating Area Plating Material | Gold (Au), Gold Flash |
| 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 | .64 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

| | |
|---|---|
| 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

| | |
|---|---|
| Compatible With Agency/Standards Products | CSA, UL |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| Packaging Method | 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 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 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

## Also in the Series | AMPMODU Headers



Automotive Signal & Power Headers(3)



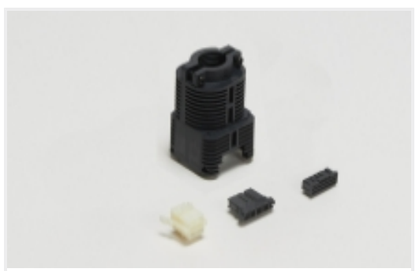
Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Power Connectors(25)

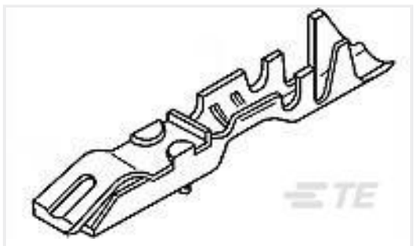


Wire-to-Board Connector Assemblies & Housings(2)

## Customers Also Bought



TE Part #8-35110-1
TERMINAL,PIDG R 12-10 1/4



TE Part #87165-1
LOCKING CLIP ASSY .025 SQ LP



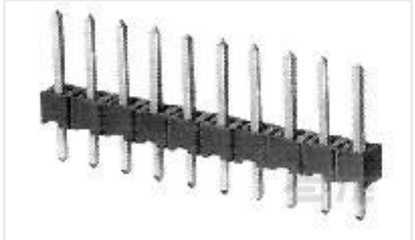
TE Part #CAT-035-DCCSC20
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



TE Part #166293-1
LP HD20 COSI PIN CONTACT DF; 24-20 AWG



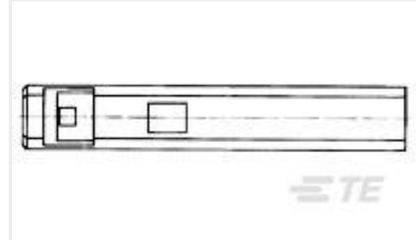
TE Part #350584-4
04P UMNL PIN HDR ASSY V2 LF



TE Part #1-825433-4
MOD 2 PINHDR 1X14P.



TE Part #1-825437-4
MOD 2 PINHDR 1X14P.



TE Part #926657-4
LOCKING CLIP HSG



TE Part #2342839-4
AVP19M FLAT S16 RGB R 500MM/1X6

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_825433-8_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_825433-8_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_825433-8_S.3d_stp.zip

English

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

### Agency Approvals

UL Report

English