

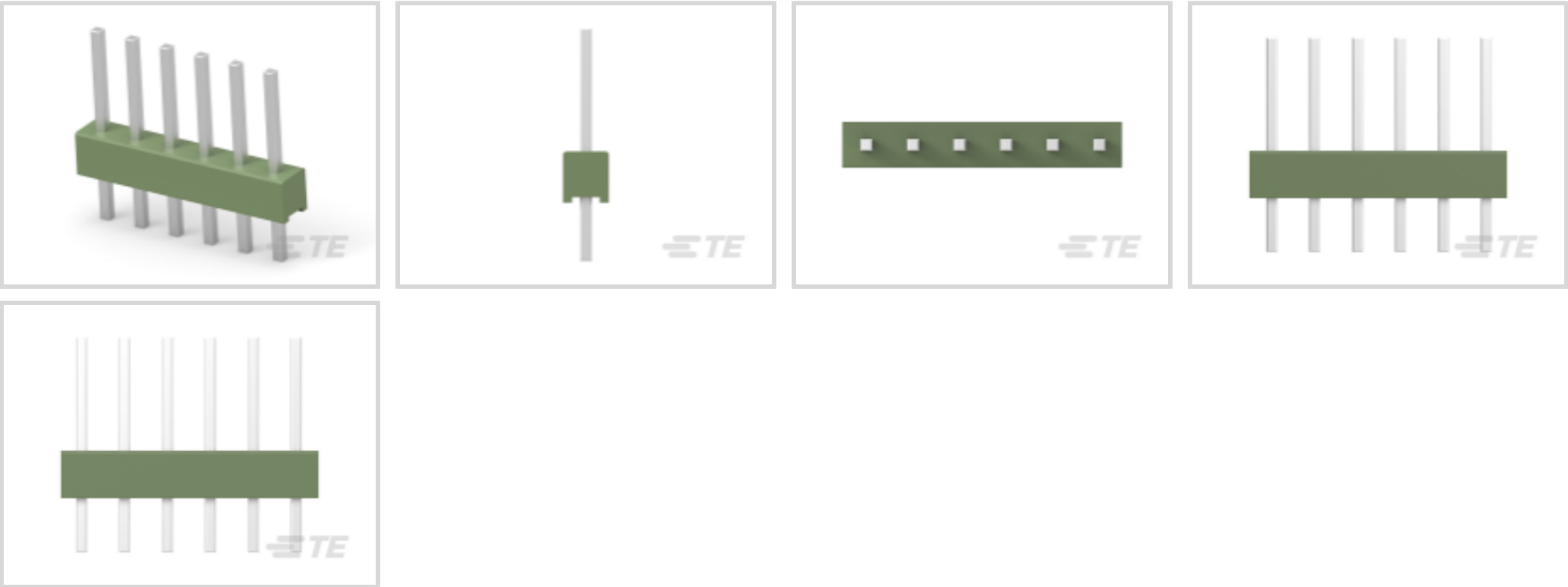
TE Internal #: 826936-6

PCB Mount Header, Vertical, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin (Sn), Through Hole - Solder, AMPMODU Headers

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Number of Rows: **1**

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 |
| Board-to-Board Configuration     | Parallel     |
| PCB Mount Orientation            | Vertical     |
| Number of Positions              | 6            |
| Number of Rows                   | 1            |

Electrical Characteristics

|                       |         |
|-----------------------|---------|
| Insulation Resistance | 5000 MΩ |
|-----------------------|---------|



Dielectric Withstanding Voltage (Max)750 Vrms

Body Features

Primary Product ColorGreen

Contact Features

Contact Underplating MaterialNickel

Contact Mating Area Plating Material Thickness3 μm[118.11 μin]

Mating Square Post Dimension.64 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness2 μm

Contact Shape & FormSquare

Contact Base MaterialPhosphor Bronze

PCB Contact Termination Area Plating MaterialTin

Contact Mating Area Plating MaterialTin (Sn)

Contact TypePin

Contact Current Rating (Max)5 A

Termination Features

Termination Post & Tail Length3.2 mm[.126 in]

Square Termination Post & Tail Dimension.64 mm[.025 in]

Termination Method to PCBThrough Hole - Solder

Mechanical Attachment

PCB Mount RetentionWithout

PCB Mount AlignmentWithout

Connector Mounting TypeBoard Mount

Mating AlignmentWithout

Housing Features

Housing MaterialPBT

Centerline (Pitch)2.54 mm[.1 in]

Dimensions

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

Usage Conditions

Housing Temperature RatingStandard

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 | 800    |
| Packaging Method   | Carton |

Product Compliance

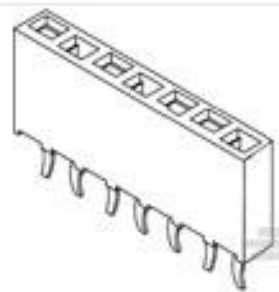
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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                                                                                                  |

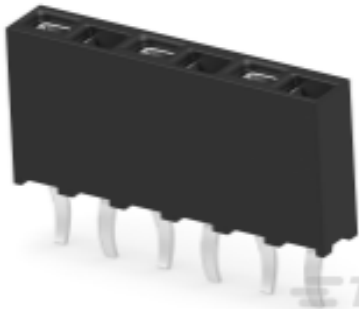
Product Compliance Disclaimer

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



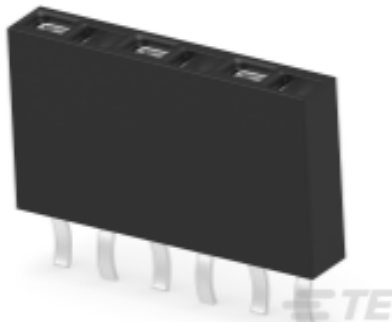
TE Part # 3-215298-1  
31P HV100 REC CON. TE, 7.0MM,TIN



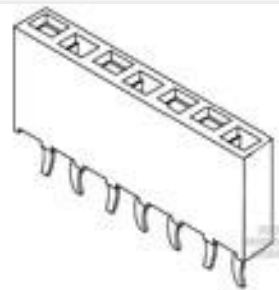
TE Part # 215298-6  
6P HV100 REC CON. TE, 7.0MM,TIN



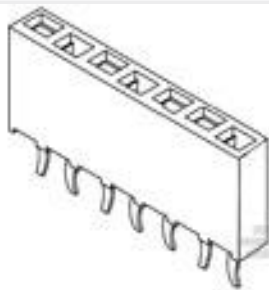
TE Part # 3-215300-0  
30P HV100 REC CON. TE, 8.5MM,TIN



TE Part # 215300-6  
6P HV-100 STECKLEI



TE Part # 3-215298-5  
35P HV100 REC CON. TE, 7.0MM,TIN



TE Part # 3-215300-5  
35P HV100 REC CON. TE, 8.5MM,TIN

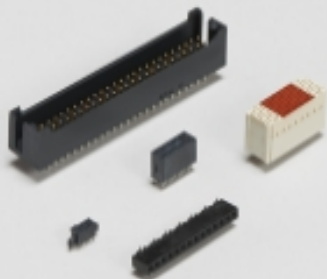


TE Part # 925369-6  
MOD 4 REC.HSG 1X06P

Also in the Series | AMPMODU Headers



Automotive Headers(1)



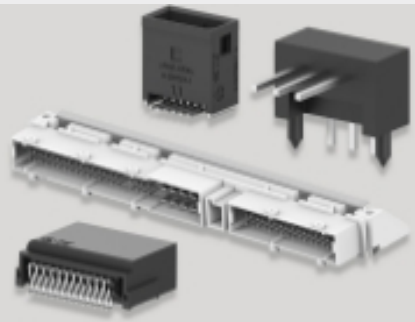
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)



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



Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #1-640445-0  
10P MTA156 HDR ASSY FL/STR SN



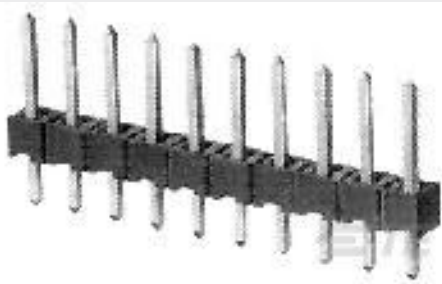
TE Part #6-104363-1  
12 MTE HDR SRST LATCH .100CL



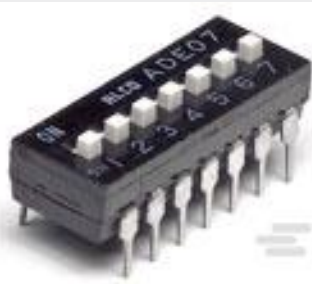
TE Part #6-1393211-6  
T92P7D12-24



TE Part #440055-2  
2.0MM,HDR,2POS,R/A



TE Part #826926-2  
AMPMODU II PIN HEADER



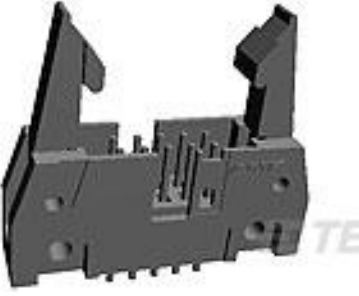
TE Part #1825057-1  
ADE0204=DIP SWITCH,EXT,THRU/HL



TE Part #1-640445-2  
12P MTA156 HDR ASSY FL/STR SN



TE Part #5-2176070-8  
3521 2K4 1% 2W



TE Part #5499922-1  
A/L UNIV HDR 10P VERT LAT



TE Part #350180  
TEST PROBE ASSEMBLY, REC, PA66, BLACK

Documents

Product Drawings

6P AMPMODU II STIFT LEI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_826936-6\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_826936-6\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_826936-6\_J.3d\_stp.zip

English

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Agency Approvals

UL Report

English