



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **30**

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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type       | PCB Mount Header      |
| Connector System                  | Board-to-Board        |
| Header Type                       | Partially Shrouded    |
| 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              | 30           |
| Number of Rows                   | 2            |

Electrical Characteristics

|                                       |       |
|---------------------------------------|-------|
| Dielectric Withstanding Voltage (Max) | 750 V |
|---------------------------------------|-------|

Body Features

|                   |          |
|-------------------|----------|
| Connector Profile | Standard |
|-------------------|----------|

Contact Features

|                                                         |        |
|---------------------------------------------------------|--------|
| PCB Contact Termination Area Plating Material Thickness | 3.5 µm |
| Contact Shape & Form                                    | Round  |
| PCB Contact Termination Area Plating Material           | Tin    |



|                                             |                 |
|---------------------------------------------|-----------------|
| Contact Base Material                       | Phosphor Bronze |
| Contact Mating Area Plating Material        | Tin             |
| Contact Mating Area Plating Material Finish | Bright          |
| Contact Type                                | Pin             |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Post & Tail Length              | 3.5 mm[.138 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Strain Relief           | Without     |
| Panel Mount Feature     | Without     |
| PCB Mount Alignment     | Without     |
| Mating Retention        | With        |
| PCB Mount Retention     | Without     |
| Connector Mounting Type | Board Mount |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Color      | Black          |
| Housing Material   | Thermoplastic  |

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |                       |
|------------------------|-----------------------|
| Approved Standards     | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0              |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 200 |
| 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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



Also in the Series | AMPMODU Headers





Automotive Headers(10)



Board-to-Board Headers & Receptacles(7077)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



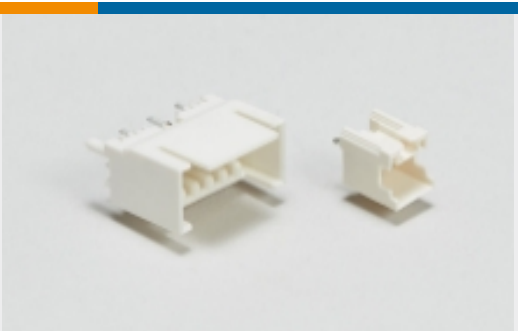
PCB Latches, Locks & Retainers(2)



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

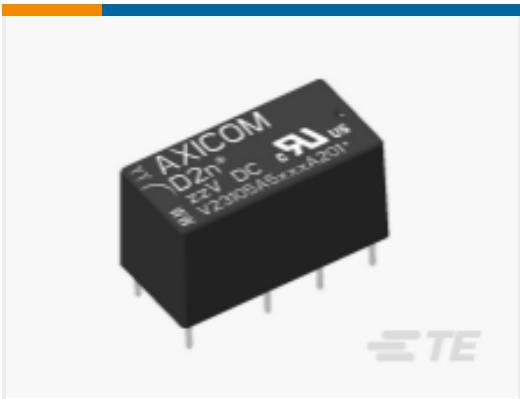


Wire-to-Board Connector Contacts(66)



Wire-to-Board Headers & Receptacles (79)

Customers Also Bought



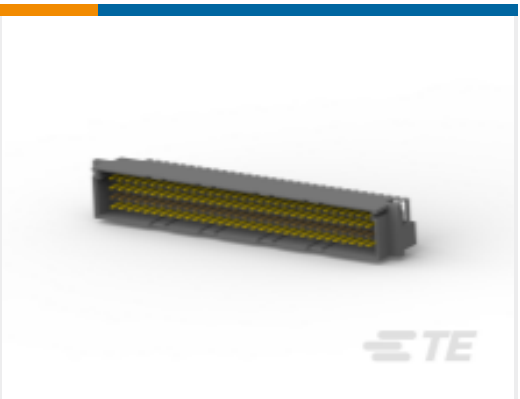
TE Part #8-1393792-5  
AXICOM D2N HIGH SENSITIVE



TE Part #1622406-1  
LR1 1% 270R



TE Part #1676282-2  
RN 0805 2K0 0.1% 10PPM 1KRL



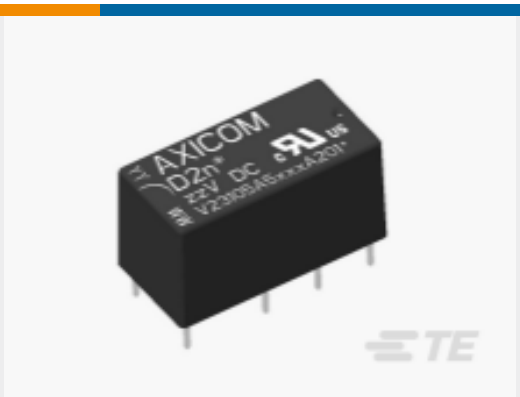
TE Part #106739-4  
128P.IEC-C M.CONN.



TE Part #1625879-4  
FRN50 5% 1R0 (S)



TE Part #1622943-1  
CRG0603 1% 430K



TE Part #1393793-3  
Signal Relays: PCB mount, 3 amp



TE Part #2-1393236-4  
V23092-A1024-A301



TE Part #1649329-4  
RTE24012



TE Part #1676320-1  
RN 0805 392R 0.1% 10PPM CUT LE

Documents



Product Drawings

2X15P MODU II SHRD HDR, RT ANG,TIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_280392-1\_AB\_c-280392-1-ab.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_280392-1\_AB\_c-280392-1-ab.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_280392-1\_AB\_c-280392-1-ab.3d\_stp.zip

English

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Agency Approvals

UL Report

English