



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **10**

Centerline (Pitch): **2.5 mm**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Assembly Type       | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Connector System                  | Wire-to-Board         |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                       |            |
|-----------------------|------------|
| Number of Positions   | 10         |
| PCB Mount Orientation | Horizontal |
| Number of Rows        | 2          |

Electrical Characteristics

|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|              |       |
|--------------|-------|
| Contact Size | .63mm |
| Contact Type | Tab   |
|              |       |



|                                      |        |
|--------------------------------------|--------|
| Mating Tab Width                     | .63 mm |
| Mating Tab Thickness                 | .63 mm |
| Contact Mating Area Plating Material | Tin    |

Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| Mating Alignment         | With        |
| PCB Mount Retention Type | Boardlock   |
| Connector Mounting Type  | Board Mount |

Housing Features

|                    |        |
|--------------------|--------|
| Centerline (Pitch) | 2.5 mm |
|--------------------|--------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| 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 # 1-1534099-1  
MQS ABDECKKAPP2X10P

TE Part # 1534099-1  
MQS COVER 2X10P

TE Part # 2290278-1  
COVER, MQS 2X10POSN.

Also in the Series | AMPMODU Headers

Connector Caps & Covers(1)

Connector Contacts(64)

Connector Hardware(2)

PCB Headers & Receptacles(3202)

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

Customers Also Bought

TE Part #2083112-3  
CABLE ASSY IND. USB-IND. USB TYPE A

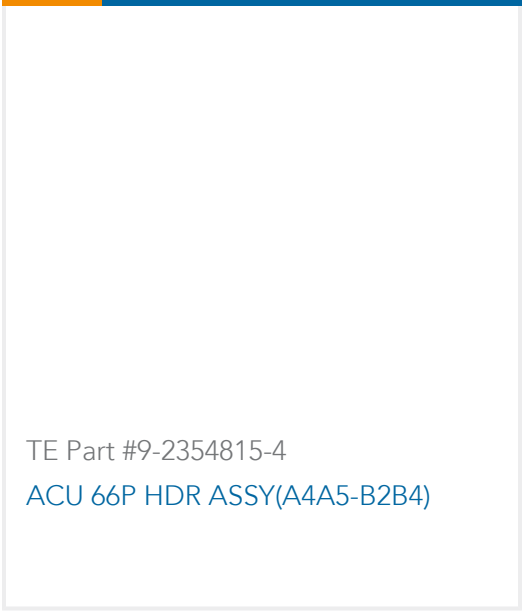
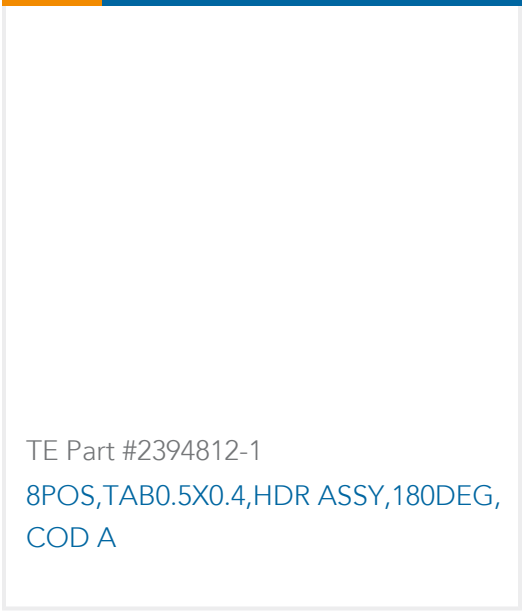
TE Part #1-967250-1  
12pos MQS .63 header 90deg

TE Part #2-1904058-7  
V23700F0002A408-EV-CBOX

TE Part #2203881-1  
16POS,HYBRID,HEADER ASSY,90 DEG,SMD





|                                                                                                                                                          |                                                                                                                                                             |                                                                                                                                                                |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #2272897-1<br/>20POS, TAB0.5X0.4, HDR ASSY, 90 DEG, SMD</p> |  <p>TE Part #374380-E<br/>STVTE 160 FI ABCDE VVVV 7-03 TL-S ** 2</p>      |  <p>TE Part #1-2395006-2<br/>12POS, TAB0.5X0.4, HDR ASSY, 180DEG, COD B</p> |  <p>TE Part #1-968209-1<br/>ABSCHIRMBLECH</p> |
|  <p>TE Part #9-2354815-4<br/>ACU 66P HDR ASSY(A4A5-B2B4)</p>           |  <p>TE Part #2394812-1<br/>8POS, TAB0.5X0.4, HDR ASSY, 180DEG, COD A</p> |                                                                                                                                                                |                                                                                                                                  |

Documents

Product Drawings

MOD2 ST-WANNE 2X10P

English

CAD Files

Customer View Model

ENG\_CVM\_966871-1\_C3.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_966871-1\_C3.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_966871-1\_C3.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English