



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



Connector System: **Wire-to-Board**  
Number of Positions: **32**  
Centerline (Pitch): **5 mm [ .197 in ]**  
Sealable: **No**  
PCB Mount Orientation: **Horizontal**

[All Low & Medium Power Header \(103\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header             | Yes                   |
| 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 Sections    | 2          |
| Number of Positions   | 32         |
| PCB Mount Orientation | Horizontal |
| Number of Rows        | 2          |



Electrical Characteristics

|                              |        |
|------------------------------|--------|
| Nominal Voltage Architecture | 12 V   |
| Operating Voltage            | 12 VDC |

Body Features

|                         |       |
|-------------------------|-------|
| Primary Product Color   | Black |
| Connector & Keying Code | A     |

Contact Features

|                                      |                     |
|--------------------------------------|---------------------|
| Contact Size                         | 1.5mm, 2.8mm, 4.8mm |
| Contact Type                         | Tab                 |
| Contact Mating Area Plating Material | Tin                 |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                          |                   |
|--------------------------|-------------------|
| Mounting Holes           | Without           |
| Mating Retention         | With              |
| Mating Alignment         | With              |
| PCB Mount Alignment      | With              |
| Panel Mount Feature      | With              |
| PCB Mount Retention      | With              |
| PCB Mount Retention Type | Boardlock         |
| Mating Retention Type    | Locking Interface |
| Connector Mounting Type  | Panel Mount       |

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Connector Length            | 32.3 mm[1.26 in]  |
| Connector Width             | 97.8 mm[3.814 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in]   |

Operation/Application

|                     |                |
|---------------------|----------------|
| Shielded            | No             |
| Circuit Application | Power & Signal |

Packaging Features



|                    |      |
|--------------------|------|
| Packaging Quantity | 12   |
| Packaging Method   | Tray |

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: JUL 2021 (219)<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

|                                                                                                                                                                              |                                                                      |                                                                      |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
|  <div>TE Part # CAT-AM705-CH8173<br/><a href="#">AMP Unsealed Connector Housing</a></div> | <div>TE Part # 1-1534047-1<br/><a href="#">FLA-STE-KONT1.5</a></div> | <div>TE Part # 1-1534047-2<br/><a href="#">FLA-STE-KONT1.5</a></div> | <div>TE Part # 1-1534047-3<br/><a href="#">FLA-STE-KONT1.5</a></div> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|



TE Part # 1-1534047-4  
FLA-STE-KONT1.5

TE Part # 1-1534048-1  
FLA-STE-KONT2.8

TE Part # 1-1534048-2  
FLA-STE-KONT2.8

TE Part # 1-1534049-1  
FLA-STE-KONT4.8

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers  
(24)

Automotive Connector Locks & Position Assurance(4)

Automotive Housings(260)

Automotive Terminals(11)

Connector Seals & Cavity Plugs(5)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(2)

PCB Headers & Receptacles(28)

Customers Also Bought

TE Part #487526-4  
005 HOUSING FFC RCPT 100CL SR

TE Part #1971845-3  
3P, RAST 5 Tab Header, THV

TE Part #1-1318384-9  
025 40POS CAP ASSY H TIN

TE Part #1971845-7  
7P, RAST 5 Tab Header, THV

TE Part #2304372-2  
1-PORT MATENET HDR ASSY 90DEG, COD B

TE Part #2305987-3  
2-PORT MATENET HDR ASSY 90DEG, COD C

TE Part #5-2188220-3  
020/060 56P HDR ASSY(CODE D)

TE Part #504265-E  
MCBA 5 M \* SMD 137 \* 176 \* GURT \* J 2 50



Documents

Product Drawings

TAB HEADER ASSY 32POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1534046-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1534046-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1534046-1\_C.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Application Specification

English