



 [ENG_SS_108-57100_D.pdf](#) English

Qualification Test Report

 [ENG_SS_501-57058_B.pdf](#) English

Product
Environmental
Compliance

TE Material Declaration

 [ENG_PC_MD_440054-8_B.pdf](#) English

Agency Approvals

UL

 [ENG_AAD_UL_E28476_20001207__C.pdf](#)

English

UL Report



[ENG_AAD_UL_CERT_ML_E186634_E28476_20001207__B.pdf](#) English

CSA Certificate

 [ENG_AAD_CSA_222156_6233_1475575_A.pdf](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type
Features

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

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

Header Type : **Partially Shrouded**

Sealable : **No**

Connector & Contact Terminates To : **Printed Circuit Board**

Wire/Cable Type : **Discrete Wire**

Configuration
Features

PCB Mount Orientation : **Vertical**

Number of Positions : **8**

Number of Rows : **1**

Electrical
Characteristics

Operating Voltage (VAC): **250**

Operating Voltage (VDC): **250**

Contact Features

Contact Base Material : **Brass**

PCB Contact Termination Area Plating Material : **Tin**

Contact Shape : **Square**

Contact Mating Area Plating Material : **Tin**

Contact Mating Area Plating Material Finish : **Bright**

Contact Type : **Pin**

Contact Current Rating (Max) (A): **3**

PCB Contact Termination Area Plating Material Finish : **Bright**

Mating Post Length : **3.35 mm [.131 in]**

Termination
Features

Termination Method to Printed Circuit Board : **Through Hole**


Termination Post & Tail Length : **3.4 mm [.134 in]**

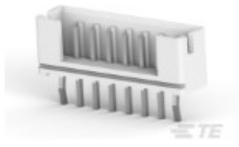
| | |
|---|---|
| Mechanical Attachment | PCB Mount Retention Type : Kinked Tines Contact Retention Type : Locking Lance PCB Mount Alignment : Without Mating Retention : Without PCB Mount Retention : With Connector Mounting Type : Board Mount Contact Retention : With |
| Housing Features | Centerline (Pitch) : 2 mm [.079 in] Housing Color : Natural Housing Material : Nylon 66 GF |
| Dimensions | Wire Size (AWG): 30 – 24 Accepts Wire Insulation Diameter Range : .9 mm [.0354 – .059 in] PCB Thickness (Recommended) : 1 – 1.6 mm [.039 – .063 in] Length : 18 mm [.7087 in] Height : 6.05 mm [.238 in] Width : 4.7 mm [.185 in] |
| Usage Conditions | Operating Temperature Range : -25 – 85 °C [-13 – 185 °F] |
| Industry Standards | UL Flammability Rating : UL 94V-0 |
| Packaging Features | Packaging Quantity : 300 Packaging Method : Bag |
| EU RoHS Directive 2011/65/EU | <i>This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).</i> |
| EU ELV Directive 2000/53/EC | |
| China RoHS 2 Directive MIIT Order No 32, 2016 | |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197) |
| Halogen Content | |
| Solder Process Capability | Wave solder capable to 240°C |

| | |
|-------------------------|---|
| Statement of Compliance | Statement of Compliance pdf |
| Compliance Documents | There may be Environmental Compliance related documents on the DOCUMENTATION Tab |
| Disclaimer | <p>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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.</p> |

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| THIS PRODUCT | | TOP RESULTS  | |
|----------------------------|-----------------------------|---|-----------------------------|
| WIRE-TO-BOARD HEADERS &... | 440054-8 | WIRE-TO-BOARD HEADERS &... | 1-440054-0 |
| | 2.0MM, HDR, 8POS, VERTICAL | | 2.0MM, HDR, 10POS, VERTICAL |
| WIRE-TO-BOARD HEADERS &... | 1-440054-1 | WIRE-TO-BOARD HEADERS &... | 1-440054-2 |
| | 2.0MM, HDR, 11POS, VERTICAL | | 2.0MM, HDR, 12POS, VERTICAL |



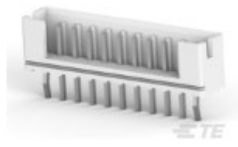
From **In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **8**
Centerline (Pitch) : **2 mm**



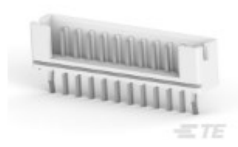
From **In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **10**
Centerline (Pitch) : **2 mm**



From **In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **11**
Centerline (Pitch) : **2 mm**



From **In-Stock**

PCB Connector Assembly Type : **PCB Mount Header**
PCB Mount Orientation : **Vertical**
Connector System : **Wire-to-Board**
Number of Positions : **12**
Centerline (Pitch) : **2 mm**

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