



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Type | PCB Mount Header |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |

Configuration Features

| | |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions | 8 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 10 VAC |
|-------------------|--------|

Body Features

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

Contact Features

| | |
|--|-----------------|
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |
| Contact Mating Area Plating Material Thickness | .2 µm[7.87 µin] |



| | |
|--------------------------------------|-----------------|
| Contact Layout | Inline |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Type | Socket |
| Contact Current Rating (Max) | 1 A |

Termination Features

| | |
|---|-----------------|
| Rectangular Termination Post & Tail Width | .25 mm[.01 in] |
| Rectangular Termination Post & Tail Thickness | .15 mm[.006 in] |
| Termination Method to PCB | Surface Mount |

Mechanical Attachment

| | |
|-------------------------|--------------|
| Mating Retention | With |
| Mating Alignment Type | Polarization |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | Nylon GF |
| Centerline (Pitch) | 1 mm[.039 in] |

Dimensions

| | |
|------------------|------------------|
| Connector Height | 3.25 mm[.127 in] |
|------------------|------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 105 °C[221 °F] |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|-----------|
| Packaging Quantity | 9000 |
| Packaging Method | Box, Tape |



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) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 245°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 # 2040974-2
PLUG HSG, 1.0VP REMODEL

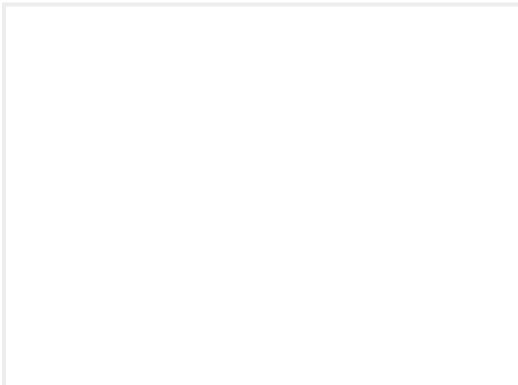


TE Part # 2040974-3
PLUG HSG, 1.0VP REMODEL

Customers Also Bought



TE Part #1971153-2
CONN ASSY INDUSTRIAL MINI I/O J-CONN.



TE Part #1-2394033-2
HD-20 PLUG 9P SMT UNC 4-40 THD, W/O STUD



TE Part #1-2349825-8
D4950 REC 8POSN 1ROW TRAY AU



TE Part #316918-1
Z-STACK CONN. 240P F8 ASS'Y



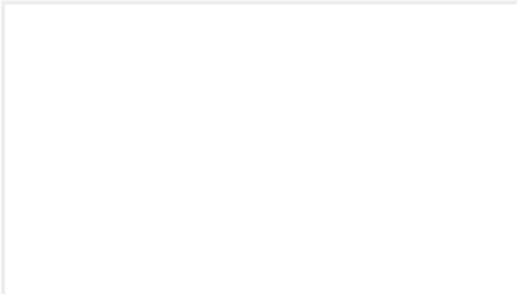
TE Part #3-178139-5
DYNAMIC 3200 HDR H 6P ASSY



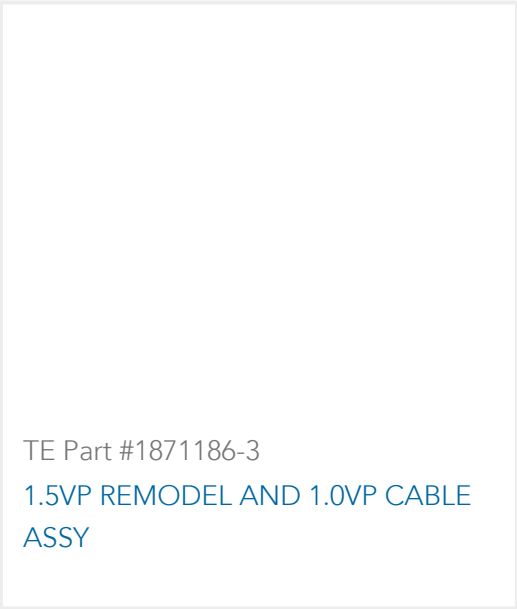
TE Part #63658-5
TERM,POKE-IN,MAG-MATE



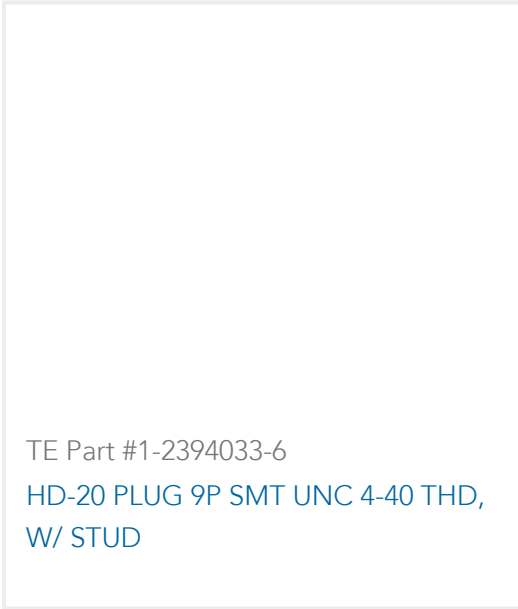
TE Part #1-2349849-8
D4950 HDR H STD 8POSN 1ROW TRAY AU



TE Part #2-1721066-7
PCN-105L3MHZ



TE Part #1871186-3
1.5VP REMODEL AND 1.0VP CABLE ASSY



TE Part #1-2394033-6
HD-20 PLUG 9P SMT UNC 4-40 THD, W/ STUD

Documents

Product Drawings

HDR ASSY MINI VP 1.0MM W TO B

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1674000-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1674000-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1674000-2_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

1674000-2

PCB Mount Header, Right Angle, Wire-to-Board, 8 Position, 1 mm [.039 in]
Centerline, Gold (Au), Surface Mount, Signal, Black, Box / Tape



Application Specification

English

Application Specification

English