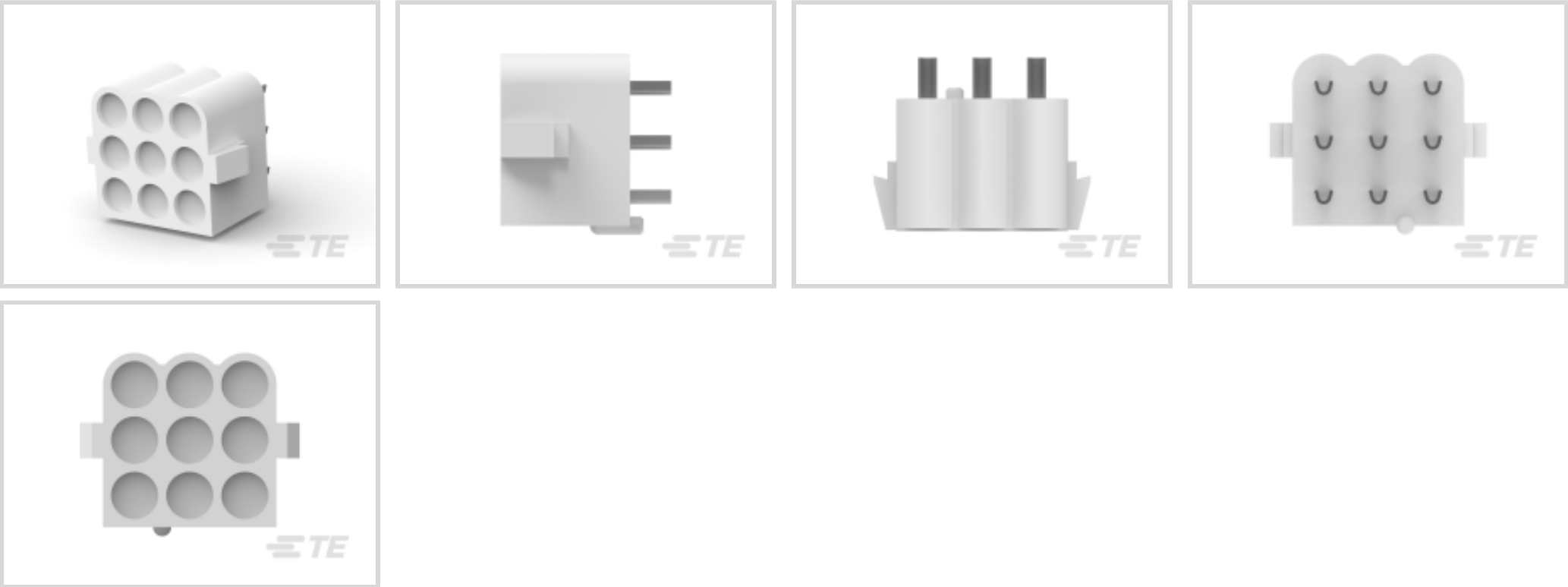




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **9**

Number of Rows: **3**

Features

Product Type Features

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

Configuration Features

Number of Loaded Positions	9
Number of Power Positions	9
PCB Mount Orientation	Vertical
Number of Positions	9
Number of Rows	3

Electrical Characteristics

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Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Layout	Matrix
Contact Base Material	Brass Alloy, Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket
Contact Current Rating (Max)	17 A

Termination Features

Termination Post & Tail Length	4.1 mm[.161 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Tab
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	PA 66
Centerline (Pitch)	6.1 mm[.24 in]

Dimensions

Row-to-Row Spacing	6.1 mm[.24 in]
Connector Width	19.2 mm[.755 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	14.5 mm[.57 in]
Connector Length	19.2 mm[.755 in]



Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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	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

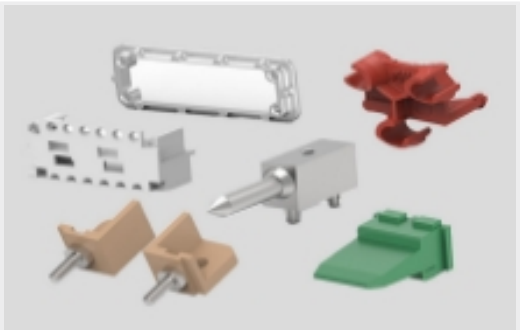
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

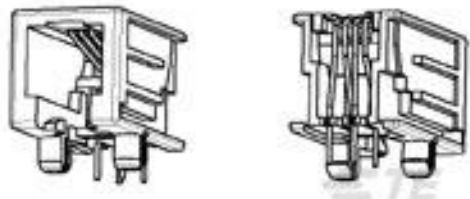
 TE Part # 1-480673-0 09P .140 MNL CAP PM NAT	 TE Part # 1-480586-0 09P .140 MNL CAP NAT	 TE Part # 1586305-1 09P .140 MNL PLUG BLK HT	 TE Part # 794683-1 09P .140 MNL CAP BLK HT
 TE Part # 1-480585-0 09P .140 MNL PLUG NAT	 TE Part # 926102-1 2 POS M-N-L FEMALE HOUSING	 TE Part # 926446-2 8P 3,5MM MNL BUGEH	

Also in the Series | Universal MATE-N-LOK

 Circular Power Connectors(2)	 Connector Contacts(208)	 Connector Hardware(12)	 Power Contacts(208)
 Rectangular Power Connectors(651)	 Standard Circular Connectors(1)		

Customers Also Bought





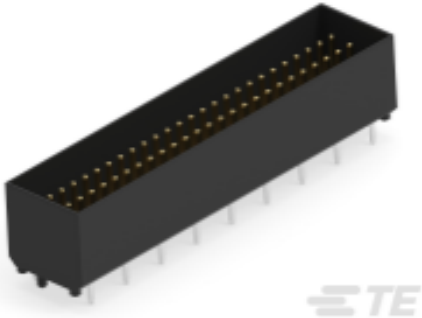
TE Part #1705950-1
Modular Jack SE, 6/6, Gold flash



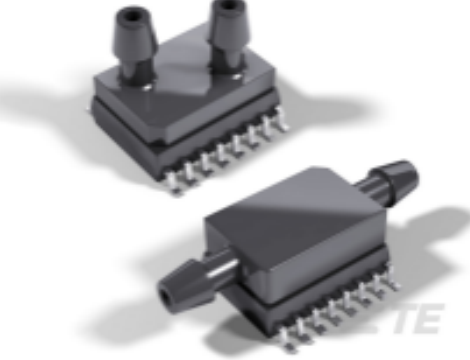
TE Part #1879216-7
CPF 0402 57K6 0.1% 25PPM 1K RL



TE Part #3-1614354-0
RN 0603 5K9 0.1% 10PPM CUT LENGTH



TE Part #224558-E
MSPEED 50 M SMDTHR M2 * AB VV 137 094 *



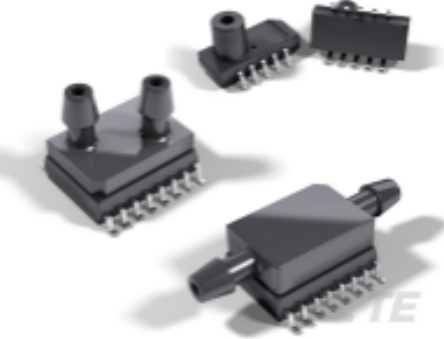
TE Part #5391-BHQ-T-001-001
1 PSI Differential Sensor



TE Part #4-2176215-6
CPF A 0402 82K 0.1% 25PPM 1K RL



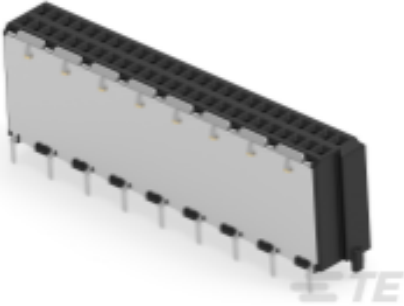
TE Part #1-1734248-6
1.0 FPC, ZIF V/T, SMT, 16P



TE Part #4391-BHQ-T-005-001
5 PSI Differential Sensor



TE Part #643428-1
12P UMNL HDR ASSY POL 94VO



TE Part #224515-E
MSPEED 50 F SMDTHR F8 * AB VV 137 094 *

Documents

Product Drawings
09P.M-N-L.PIN HDR.

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_365046-1_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_365046-1_B.3d_igs.zip

English

Customer View Model
ENG_CVM_365046-1_B.3d_stp.zip

English

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

Product Specifications

365046-1

PCB Mount Header, Vertical, Wire-to-Board, 9 Position, 6.1 mm [.24 in] Centerline, Fully Shrouded, Tin (Sn), Universal MATE-N-LOK



Product Specification

English