



Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **34**

Number of Rows: **2**

Features

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	LCP
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Board-to-Board Configuration	Parallel
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PCB Mount Orientation	Vertical
Number of Positions	34
Number of Rows	2

Product Type Features

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

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Carton
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°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>

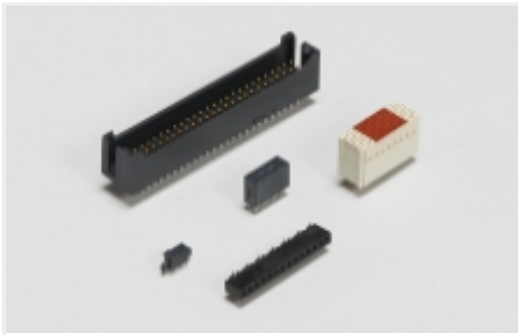
Compatible Parts



Also in the Series | [AMPMODU Headers](#)



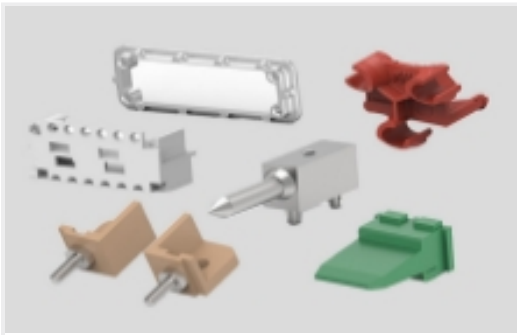
Automotive Headers(3)



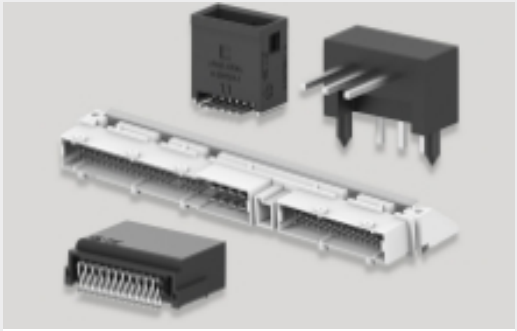
Board-to-Board Headers & Receptacles(1571)



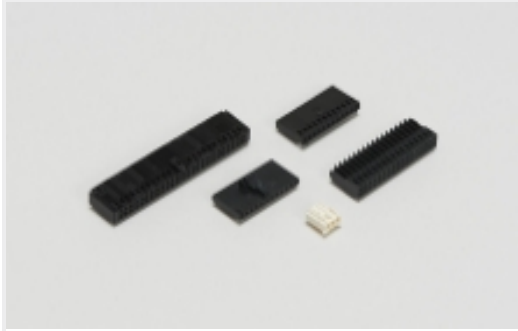
Connector Contacts(52)



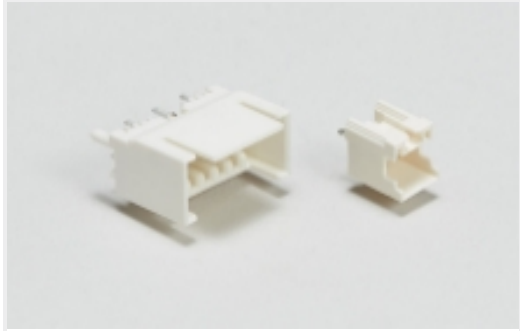
Connector Hardware(1)



PCB Headers & Receptacles(1618)



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



Wire-to-Board Headers & Receptacles (116)

Customers Also Bought



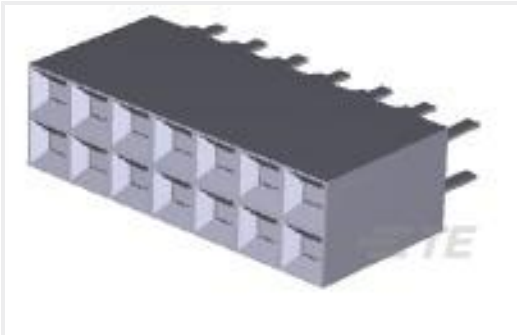
TE Part #T4011008031-000
M8,SCREW, MALE,S,UNSHIELD,3P, GOLD



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part #1-6609929-5
PE0SXDSXB=C2229



TE Part #5-534998-7
14 MODIV VRT DR CE 100/125



TE Part #5-104071-7
04 SYSTEM 50 HDR SRST SHRD SN



TE Part #1423673-5
W51-A121B1-10=CKTBKR,THERM,ROC



TE Part #1423673-1
W51-A121B1-5=CKTBKR,THERM, ROCK



TE Part #5-146256-2
04 MODII HDR DRST B/A .100CL LF



TE Part #5745183-2
09 RCPT SP/MS STD

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-146253-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-146253-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-146253-7_E.3d_stp.zip

English

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