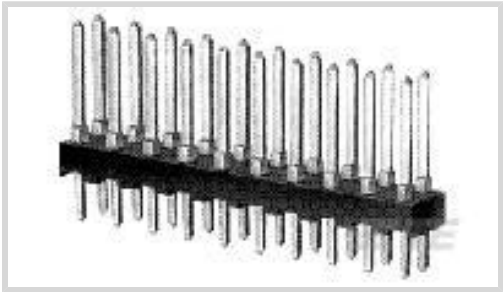




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **34**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	34
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Black
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Contact Features



Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized



Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Carton

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

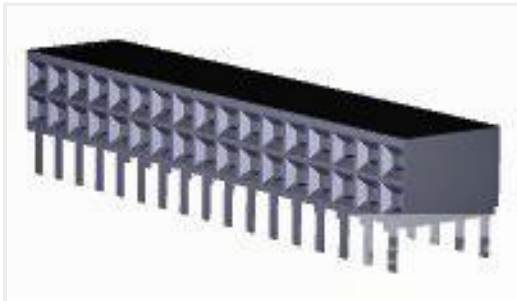
Compatible Parts



TE Part # 6-147102-8
36 MODIV VRT DR 100/SFMNT 30AU



TE Part # 3-87456-0
34 MODIV HSG DR MRKD .100CL



TE Part # 535512-4
34 MODII HORZ DR CE



TE Part # 2-87456-9
34 MODIV HSG COMP DR .100CL



TE Part # 6-147102-7
34 MODIV VRT DR 100/SFMNT 30AU



TE Part # 6-535598-7
34 MODIV VRT DR CE RCPT ASSY

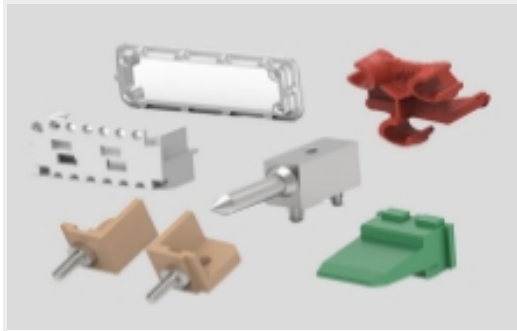
Also in the Series | AMPMODU Headers



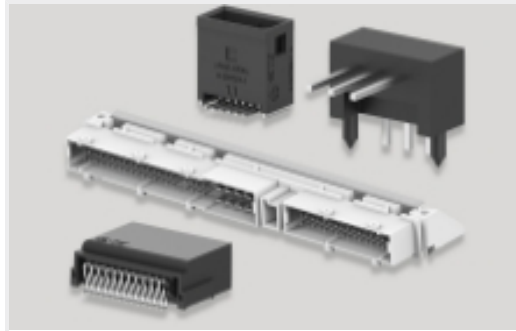
Automotive Headers(3)



Automotive Signal & Power Headers(3)



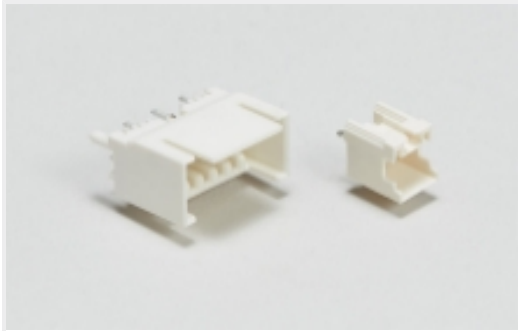
Connector Hardware(1)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)



Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



TE Part #84533-4
1.25MM FFC POST PLATED H 4P



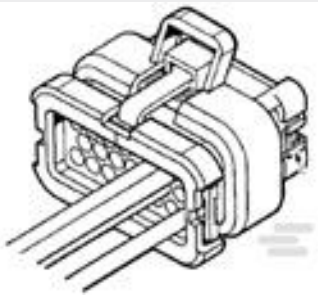
TE Part #292206-6
MINI CT SGL DIP H 6P NAT



TE Part #5-534204-1
50 MODU 2-PC CE RECP ASSY, RoHS



TE Part #640452-2
02P MTA100 HDR ASSY SQ STR



TE Part #776273-5
14POS, AMPSEAL, SOC HSG ASSY, SLD, COD 5



TE Part #1658608-2
25 POS HDF PLUG, MS, LEAD FREE



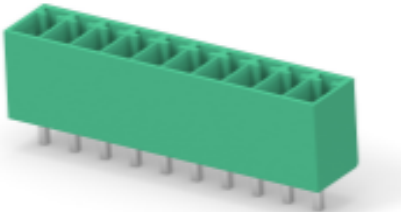
TE Part #3-1879337-0
CPF 0603 4K99 1% 50PPM 1K RL



TE Part #3-2176329-1
CRGP 1210 3K3 1%



TE Part #3-2176339-7
CRGCQ 0603 10K 1%



TE Part #1-2351886-0
10POS TB HDR 180 DEG, PITCH 3.5, TL3.4mm

Documents

Product Drawings

34 MODII HDR DRST UNSHRD .100

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-87215-7_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-87215-7_J.3d_igs.zip

English

Customer View Model

ENG_CVM_1-87215-7_J.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-87215-7_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-87215-7_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-87215-7_L.3d_stp.zip

English

1-87215-7

PCB Mount Header, Vertical, Board-to-Board, 34 Position, 2.54 mm [.1 in] Centerline, Unshrouded, Gold (Au), Through Hole - Solder, AMPMODU Headers



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

Datasheets & Catalog Pages
AMPMODU_INTERCONNECTION_SYSTEM_SECTION5
English