



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **28**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	28
Number of Rows	2

Electrical Characteristics

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

Body Features

Primary Product Color	Green
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Contact Features

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Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Mating Square Post Dimension	.63 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	250
Packaging Method	Carton

Product Compliance

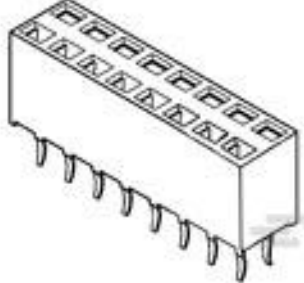
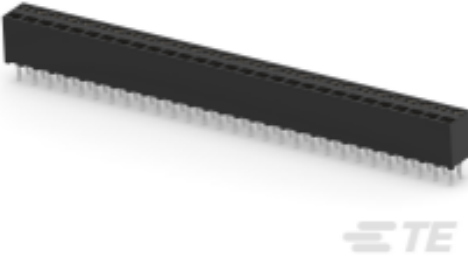
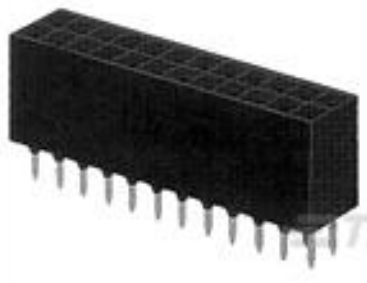
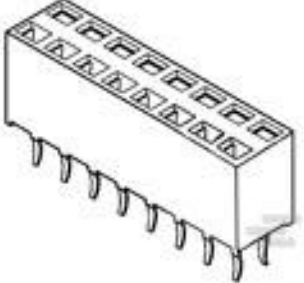
For compliance documentation, visit the product page on TE.com>

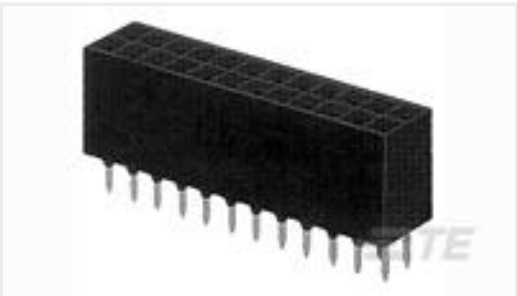
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

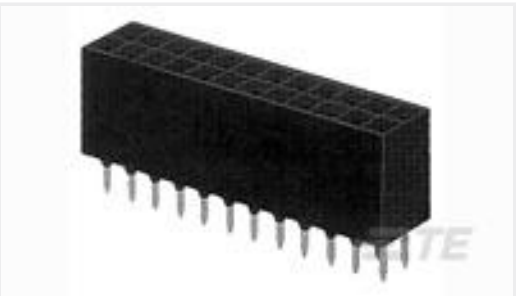
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

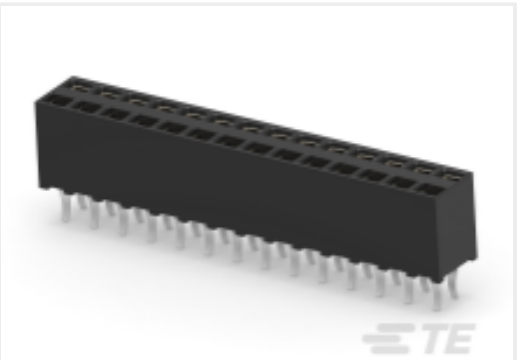
 TE Part # 2-215309-9 2X29P HV100 REC CON. TE, 8.5MM	 TE Part # 2-215307-9 2X29P HV100 REC CON. TE, 7.0MM	 TE Part # 146148-1 27/28 MODII VRT DR CE W/HLDWN	 TE Part # 1-215309-4 2X14P HV100 REC CON. TE, 8.5MM
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TE Part # 1-534236-4
28 MODII VRT DR CE 100/120



TE Part # 2-534236-4
48 MODII VRT DR CE 100/120

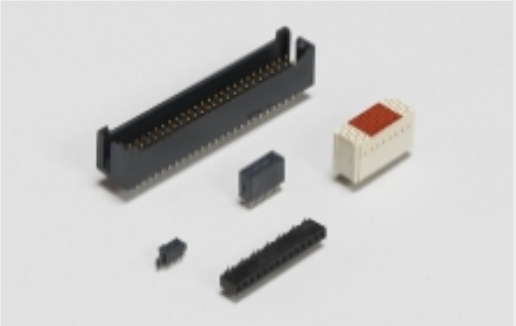


TE Part # 1-215307-4
2X14P HV100 REC CON. TE, 7.0MM

Also in the Series | AMPMODU Headers



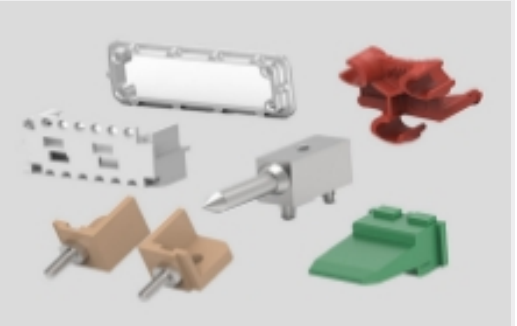
Automotive Headers(1)



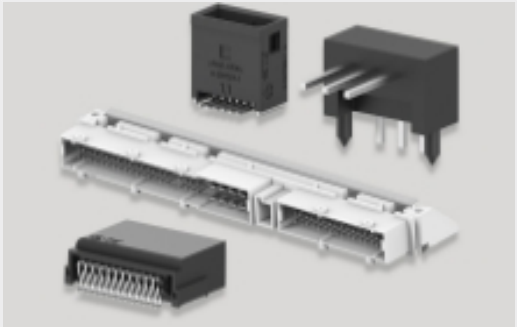
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



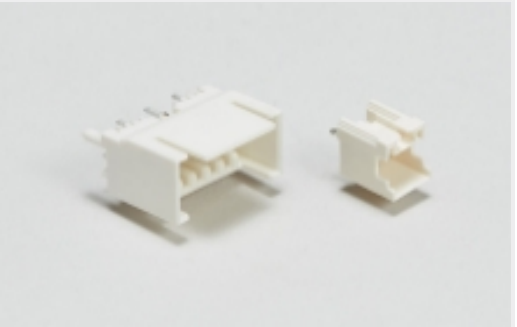
PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)

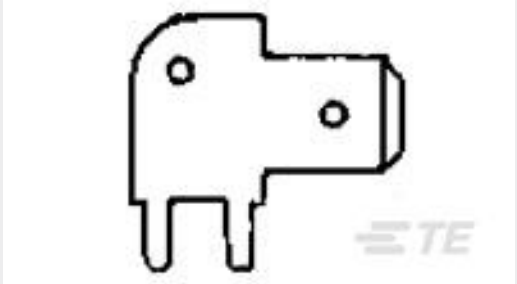


Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #726387-2
250 FASTON TAB TPBR



TE Part #1-1579007-1
EXTRACTION TOOL



TE Part #130114
PIDG RING TONGUE



TE Part #DT04-08PA-C015
REC, 8P, GRY, E, A



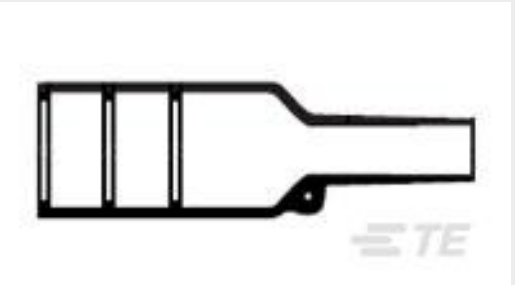
TE Part #1-1564407-1
16POS, MIXED,TAB HSG,ASSY,CODA



TE Part #34137
SPLICE,SOLIS, PARA, 16-14



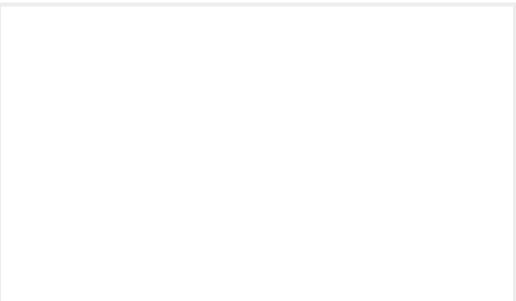
TE Part #HD36-24-47SE-059
PLG,47P,AL,E, CBLCLMPBT,DRAIN,16 /20,S,MC



TE Part #375458-000
202K174-25/225-0



TE Part #160136
[TERM, RING, PLASTI-GRIP, 16-14, M10](#)



TE Part #9-1904049-3
[V23134A1007X940-EV-850](#)

Documents

Product Drawings

[14P AMPMODU II STIFT LEI](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-826632-4_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-826632-4_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-826632-4_R.3d_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English