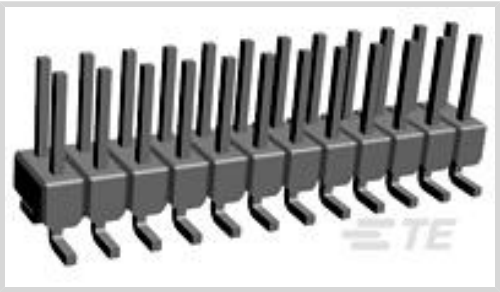




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **24**

Number of Rows: **2**

Features

Dimensions

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

Packaging Features

Packaging Quantity	300
Packaging Method	Reel

Usage Conditions

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

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 µm
Contact Shape & Form	Square
Contact Base Material	Copper Zinc, Phosphor Bronze



PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	5 A

Housing Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	24
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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Mechanical Attachment

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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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	Reflow solder capable to 260°C

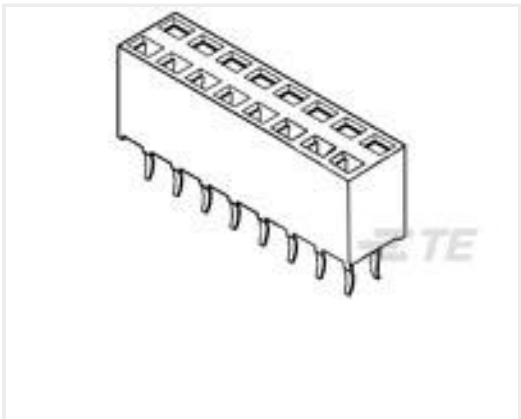
Product Compliance Disclaimer

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



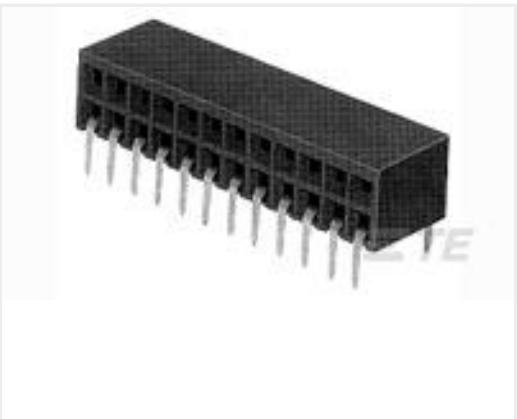
TE Part # 1-925367-2
MOD 4 REC.HSG 2X12P



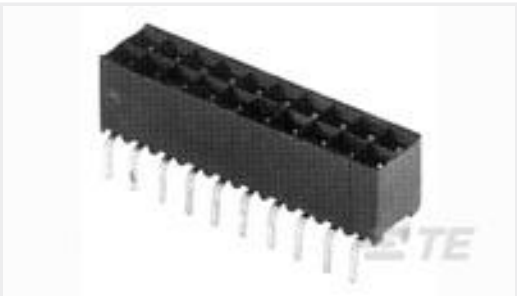
TE Part # 1-215309-2
2X12P HV100 REC CON. TE, 8.5MM



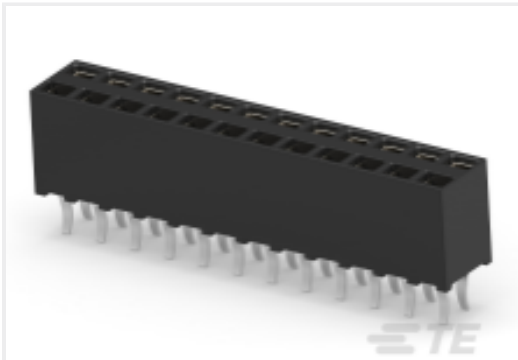
TE Part # 1-969973-2
2x12P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part # 1-216604-2
HV190 REC ASSY 2X12P.



TE Part # 1-829264-2
2X12P HV100 REC.CON.B/TE,6.2MM,
NO KINK

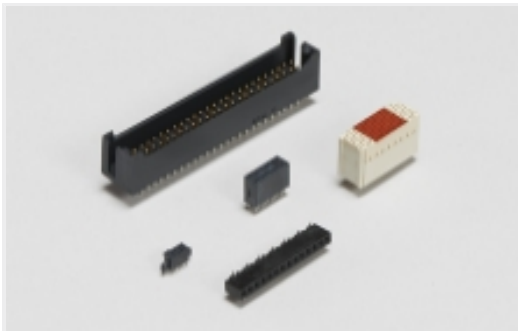


TE Part # 1-215307-2
2X12P HV100 REC CON. TE, 7.0MM

Also in the Series | AMPMODU Headers



Automotive Headers(3)



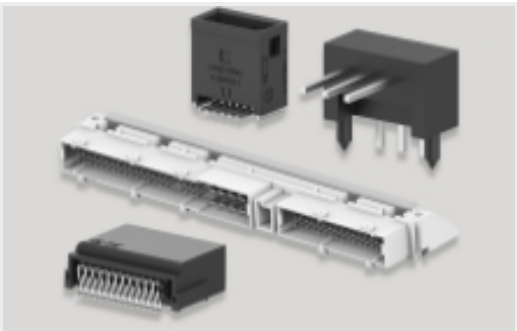
Board-to-Board Headers & Receptacles(1571)



Connector Contacts(52)



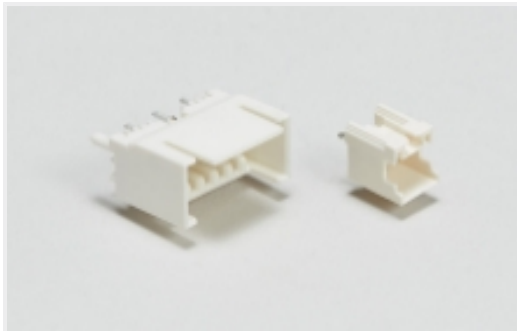
Connector Hardware(1)



PCB Headers & Receptacles(1618)



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



Wire-to-Board Headers & Receptacles (116)

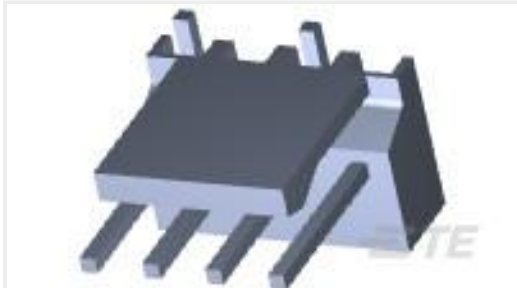
Customers Also Bought



TE Part #3-641126-8
08P MTA100 HDR ASY FL/STR LF



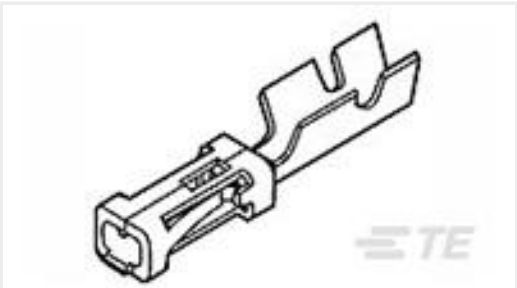
TE Part #3-641216-2
02P MTA100 HDR ASSY FL/RA LF



TE Part #3-647168-4
04P MTA100 HDR ASSY SM 30AU LF



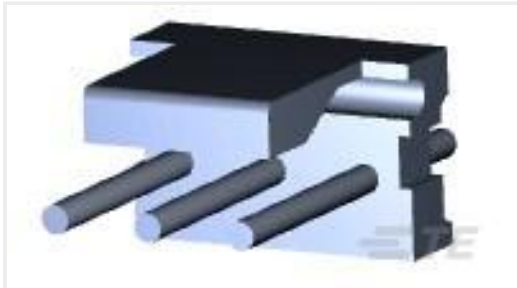
TE Part #4-1879021-7
SMW3 8R2 5%



TE Part #5-103171-5
MOD IV RECP LP LF



TE Part #2106003-1
Connector, SMT-IDC, 1 POS, 18 AWG



TE Part #3-641120-3
03P MTA156 HDR ASSY FL/ST LF



TE Part #1-1879023-9
3650 1008 0.15uH 5% 2K RL



Documents

Product Drawings

[2x12P MOD II BREAK AWAY HDR,SMD, BLISTER](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1241050-2_C.3d_stp.zip](#)

English

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