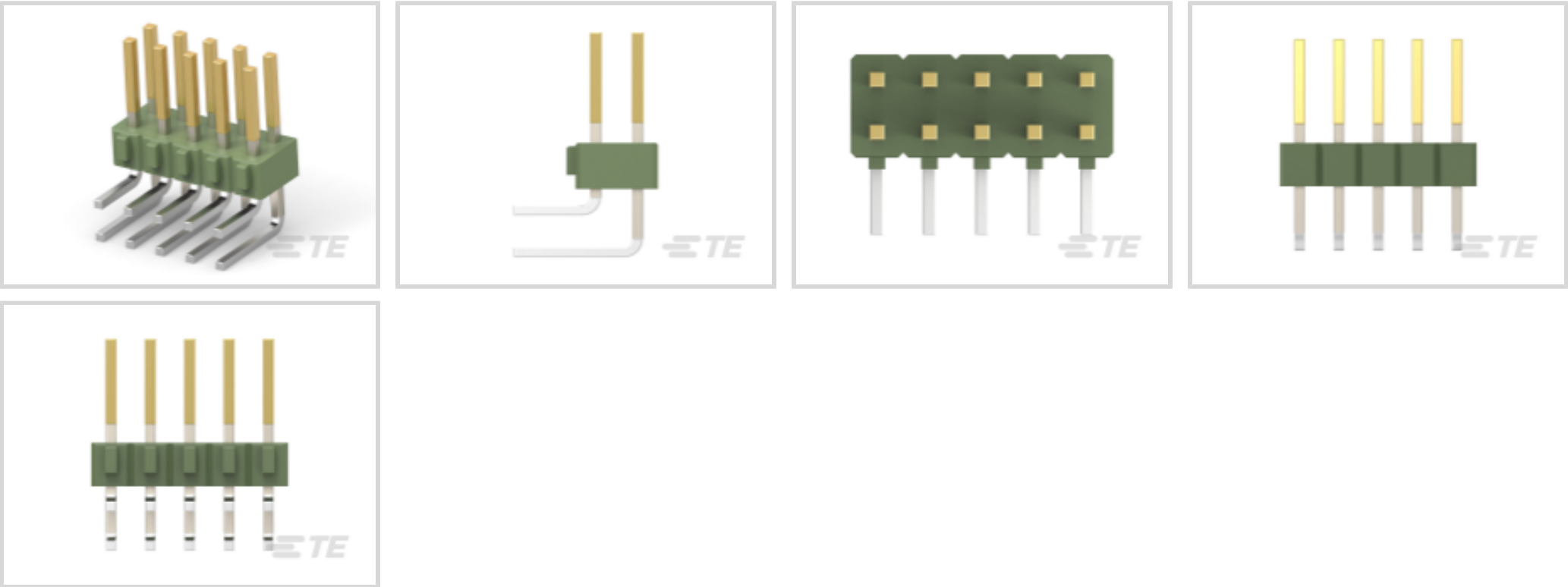




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**
Connector System: **Board-to-Board**
Number of Positions: **10**
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	Breakaway
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	10
Number of Rows	2
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

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

Body Features

Primary Product ColorGreen

Contact Features

Contact Underplating MaterialNickel

Mating Square Post Dimension.63 mm[.025 in]

PCB Contact Termination Area Plating Material Thickness3 µm

Contact Shape & FormSquare

Contact Base MaterialPhosphor Bronze

PCB Contact Termination Area Plating MaterialTin

Contact Mating Area Plating Material Thickness.8 µm[31.5 µin]

Contact Mating Area Plating MaterialGold (Au), Gold Flash

Contact TypePin

Contact Current Rating (Max)5 A

Termination Features

Termination Post & Tail Length3.2 mm[.126 in]

Square Termination Post & Tail Dimension.63 mm[.025 in]

Termination Method to PCBThrough Hole - Solder

Mechanical Attachment

Connector Mounting TypeBoard Mount

Mating AlignmentWithout

PCB Mount AlignmentWithout

PCB Mount RetentionWithout

Housing Features

Centerline (Pitch)2.54 mm[.1 in]

Housing MaterialPBT

Dimensions

Row-to-Row Spacing2.54 mm[.1 in]

PCB Thickness (Recommended)1.57 mm[.062 in]

Usage Conditions

Housing Temperature RatingStandard

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	300
Packaging Method	Package

Product Compliance

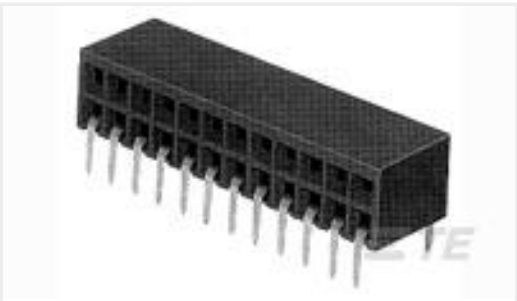
For compliance documentation, visit the product page on TE.com>

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

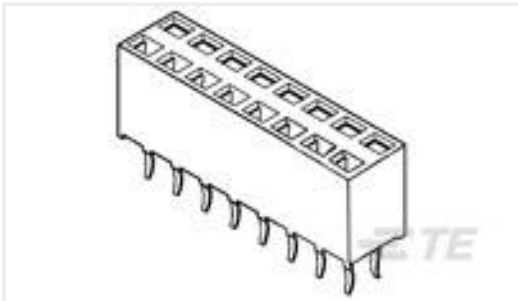
Product Compliance Disclaimer

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>

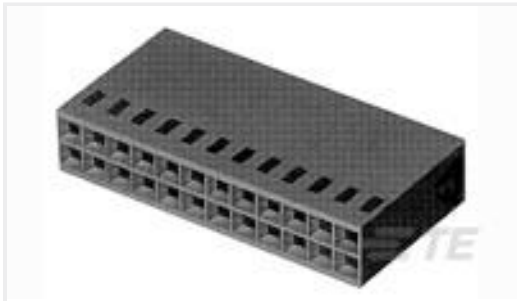
Compatible Parts



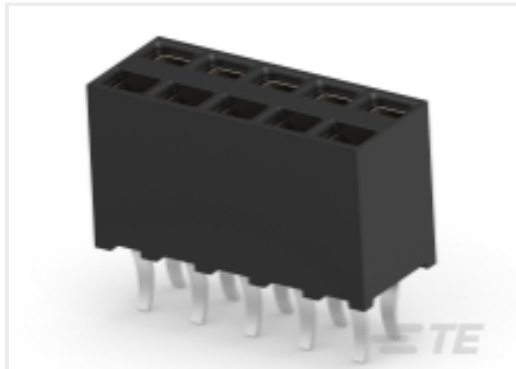
TE Part # 216604-5
2X 5P HV190FEDERLEI



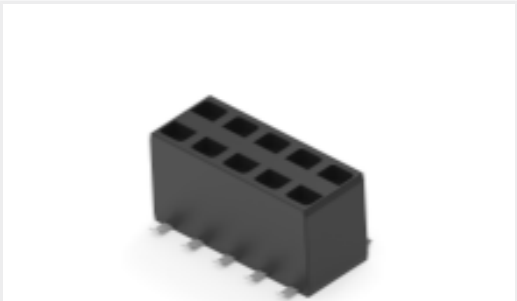
TE Part # 215309-5
2X5P HV100 REC CON. TE, 8.5MM



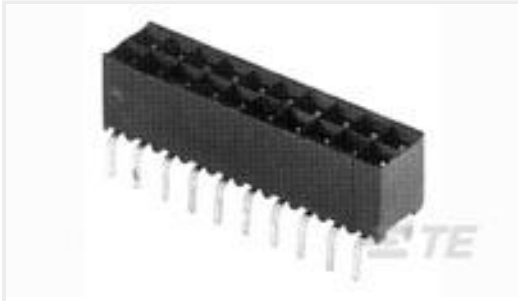
TE Part # 925367-5
MOD 4 REC.HSG 2X05P



TE Part # 215307-5
2X5P HV100 REC CON. TE, 7.0MM



TE Part # 969973-5
2x5P HV100 REC. CON, SMD, GOLD, BLISTER

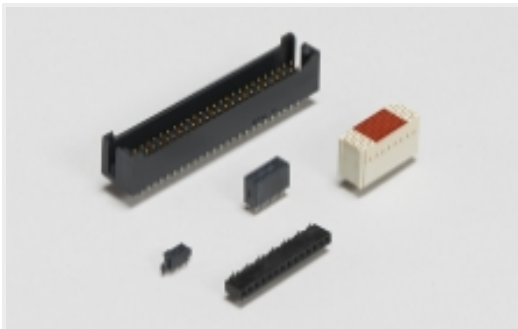


TE Part # 829264-5
2X 5P HV100 REC CON.B/TE, 6.2,NO KINK

Also in the Series | AMPMODU Headers



Automotive Signal & Power Headers(3)



Board-to-Board Headers & Receptacles(1228)



Connector Contacts(15)



Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



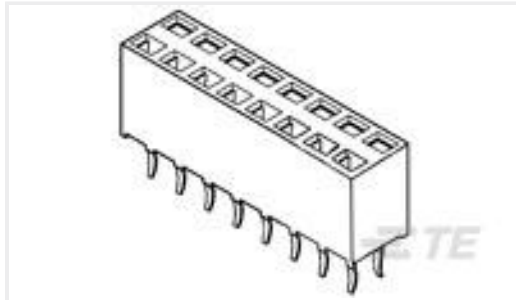
TE Part #454303-E
IDCTERM 1 IDC22 1,30 KA 105 707 0007 J



TE Part #225851-E
POWELM STIFT * M4 6 ** SMD 3,5 SN ** J



TE Part #800362-SF
FN281-4-06



TE Part #215308-8
2X 8P HV100 REC CON. TE, 7.0MM, TIN





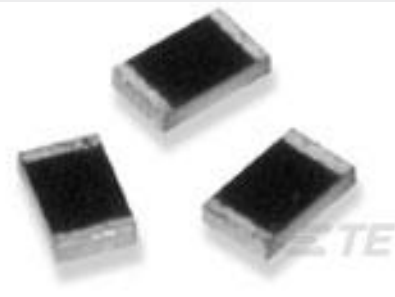
TE Part #3-647630-4
04P MTA100 HRD ASSY F/L LF



TE Part #3-794679-6
06P MICRO MNL ASSY,R/A,THRU,LF



TE Part #827001-2
4P MNL STIFTSOCKEL



TE Part #4-1879280-6
RP 2A 200K 0.1% 15PPM CUT LENGTH



TE Part #4-2176058-8
RLP73K 3A R91 5% 2K RL

TE Part #3-647502-2
02P MTA100 HDR ASSY,SM,FL,SN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_826634-5_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_826634-5_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_826634-5_N.3d_stp.zip

English

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Agency Approvals

UL Report

English