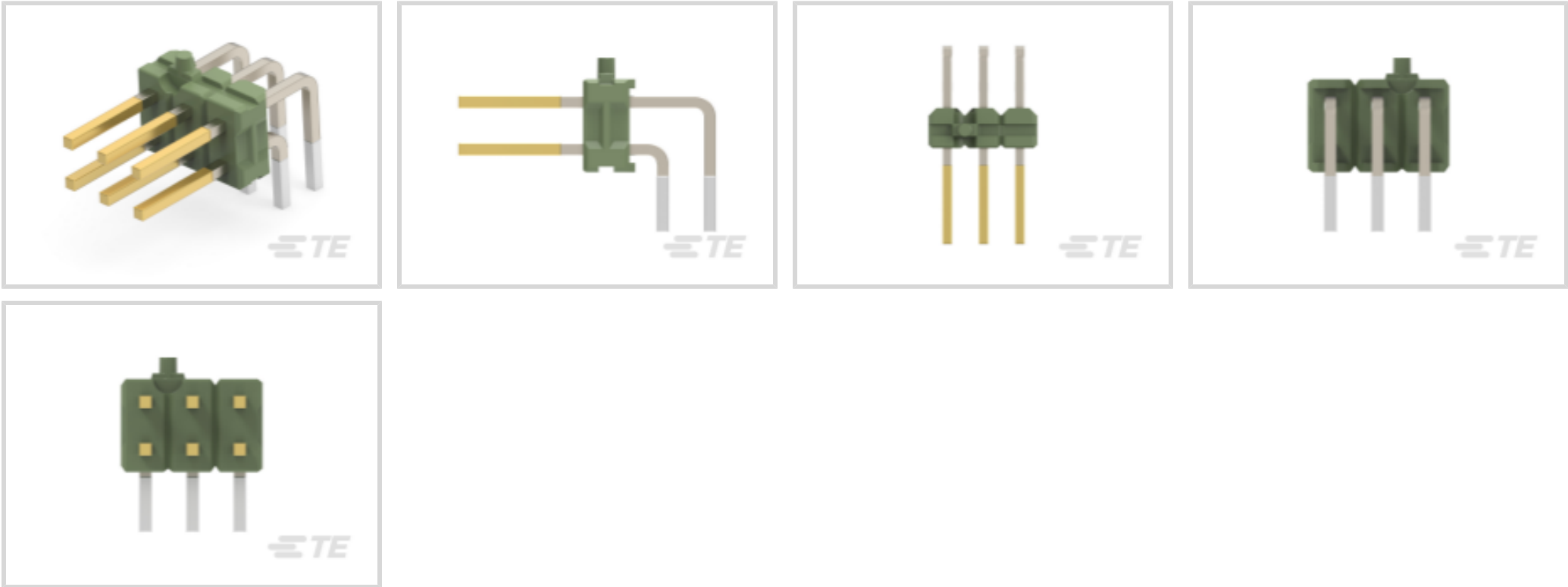




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **6**

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	Housing

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Perpendicular
PCB Mount Orientation	Right Angle
Number of Positions	6
Number of Rows	2

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

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 Thickness3 – 5 µm

Contact Shape & FormSquare

Contact Base MaterialBrass

PCB Contact Termination Area Plating MaterialTin

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.64 mm[.025 in]

Termination Method to PCBThrough Hole - Solder

Mechanical Attachment

PCB Mount RetentionWithout

PCB Mount AlignmentWithout

Connector Mounting TypeBoard Mount

Mating AlignmentWithout

Housing Features

Housing MaterialPBT

Centerline (Pitch)2.54 mm[.1 in]

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

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

Packaging Features

Packaging Quantity	500
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: 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 # 925370-3
MOD IV REC HSG, 2X3P

Also in the Series | AMPMODU Headers



Automotive Headers(1)



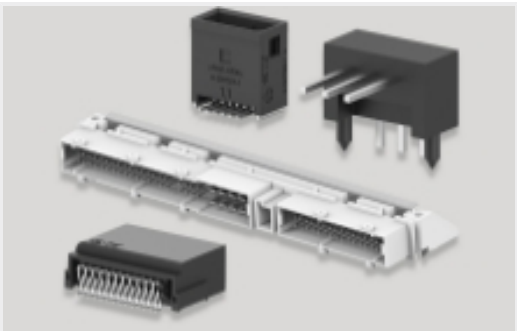
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



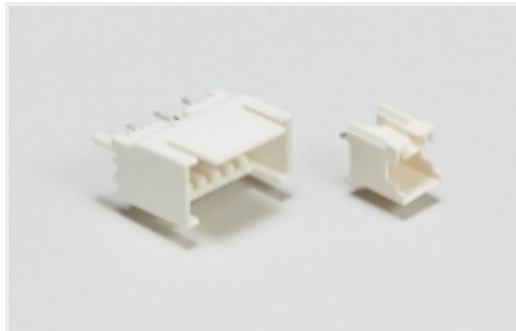
PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)

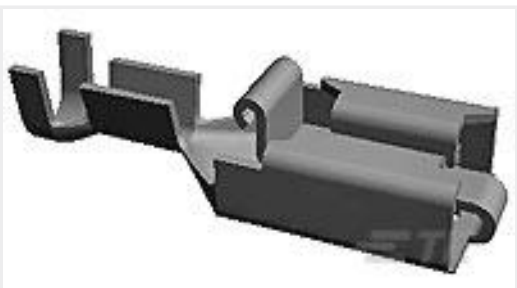


Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



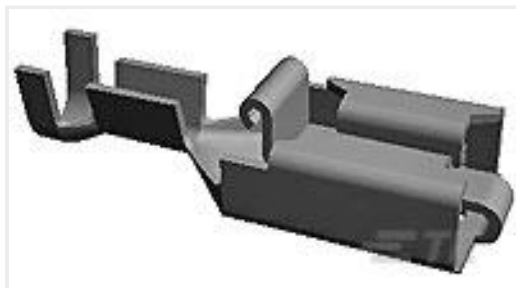
TE Part #737015-3
PL TERMINAL RECEPTACLE 4-6 MM2 PTPBR



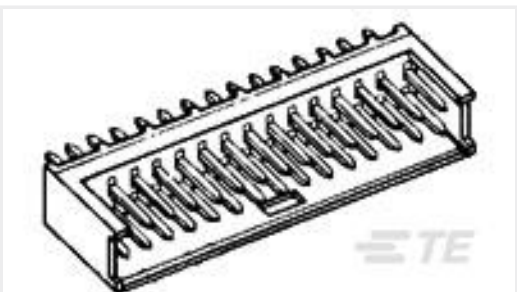
TE Part #1-1718806-1
5POS, MCON 1.2 LL REC SEALED



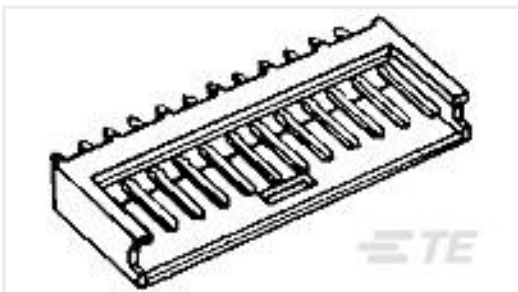
TE Part #1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



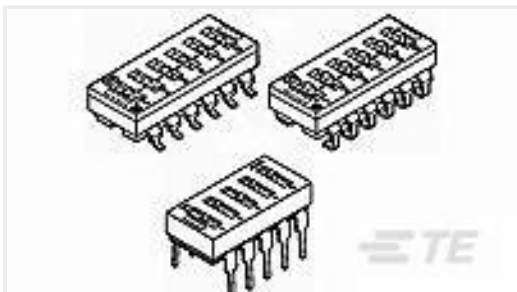
TE Part #341001-3
PL 250 REC TERMINAL 13-11 TPBR LP



TE Part #280509-2
2X09 POS .100DR MODU-AU



TE Part #280373-2
8P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #1825360-5
ADE08A04=8 POS DIP SWITCH



TE Part #2452796-1
Nano SIM card conn HINGE type



Documents

Product Drawings

[MOD II HSG R.A. 3 POS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_825457-3_U.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_825457-3_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_825457-3_U.3d_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English