

5-103765-5 ✓ ACTIVE

AMPMODU | AMPMODU Headers

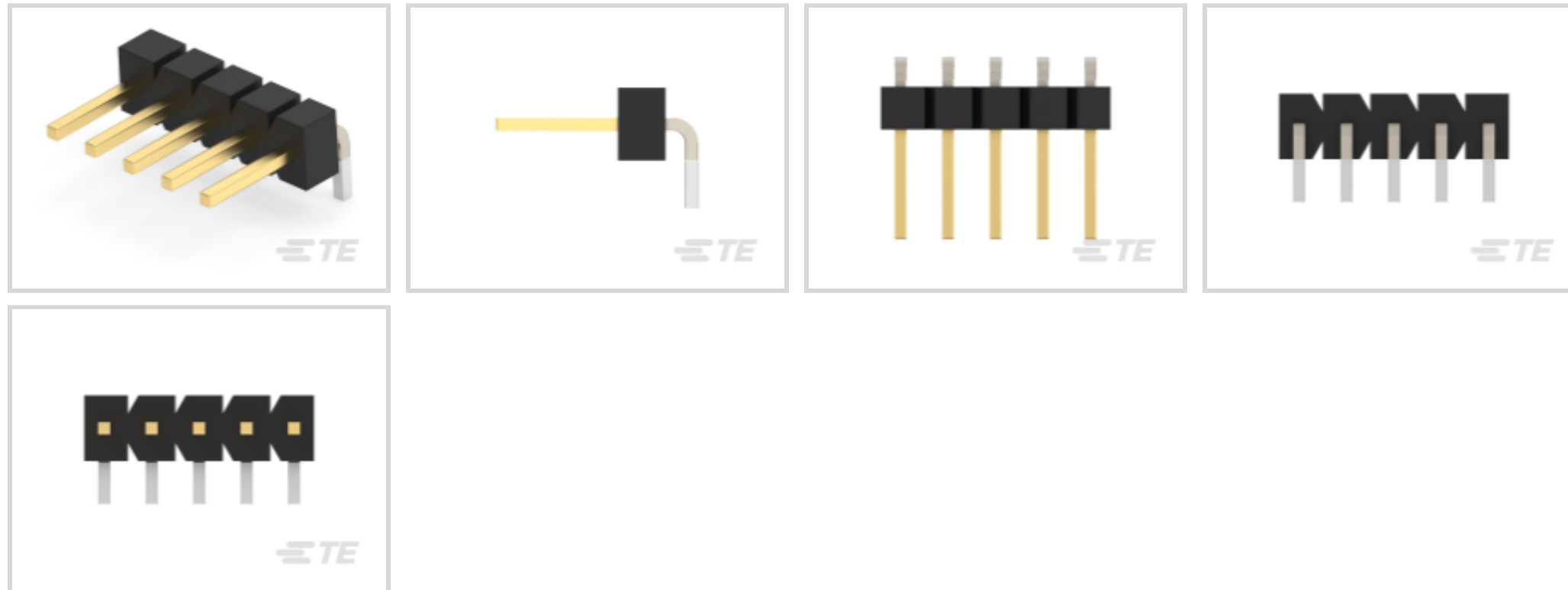
TE Internal #: 5-103765-5

PCB Mount Header, Right Angle, Board-to-Board, 5 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **5**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	30 VAC
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Dimensions

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

Packaging Quantity	500
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Packaging Method	Carton
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Industry Standards

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

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



Connector Profile	Standard
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Primary Product Color	Black
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Termination Features

Termination Post & Tail Length	2.29 mm[.09 in]
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Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Termination Method to PCB	Through Hole - Solder
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Contact Features

Contact Underplating Material	Nickel
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Contact Mating Area Plating Material Thickness	.762 μ m[30 μ m]
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Mating Square Post Dimension	.64 mm[.025 in]
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100 – 200 μ m

Contact Shape & Form	Square
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Gold
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Contact Type	Pin
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Contact Current Rating (Max)	3 A
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Housing Features

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

Connector Contact Load Condition	Fully Loaded
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PCB Mount Orientation	Right Angle
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Number of Positions	5
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Number of Rows	1
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Product Type Features

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

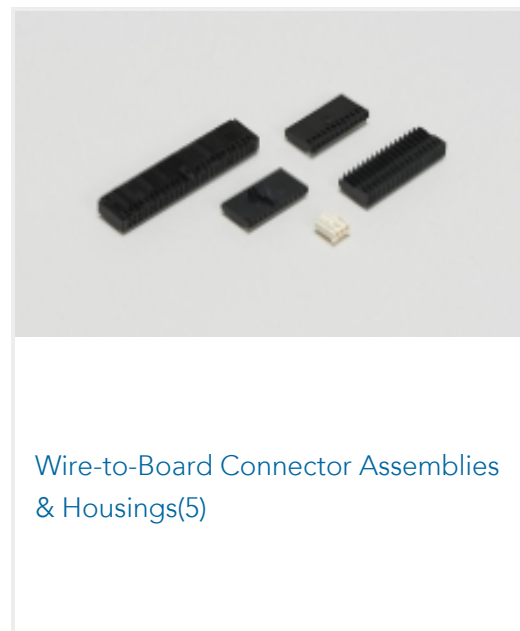
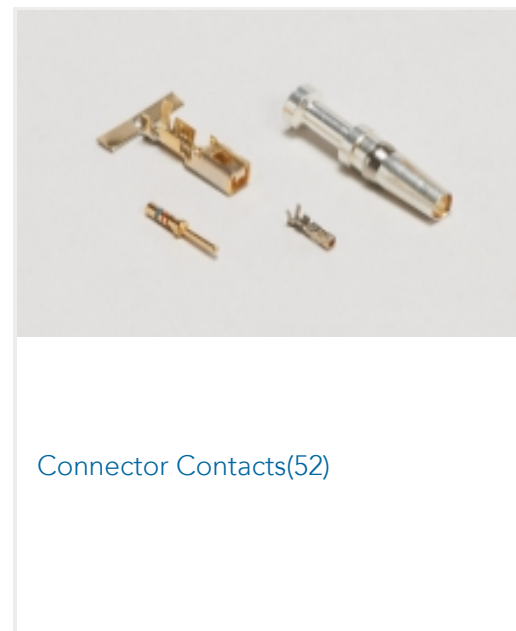
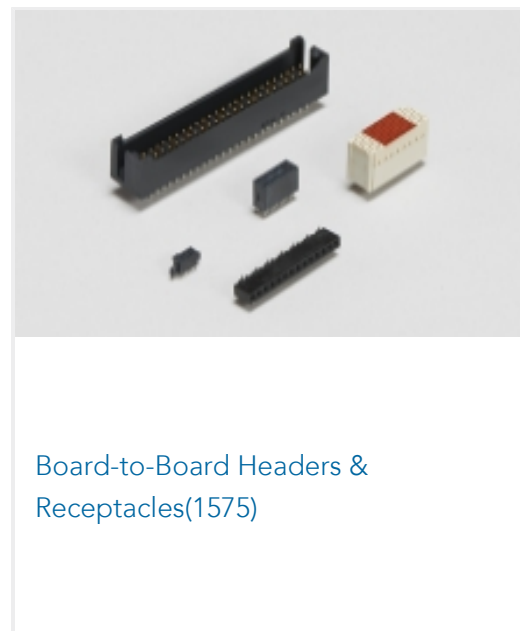
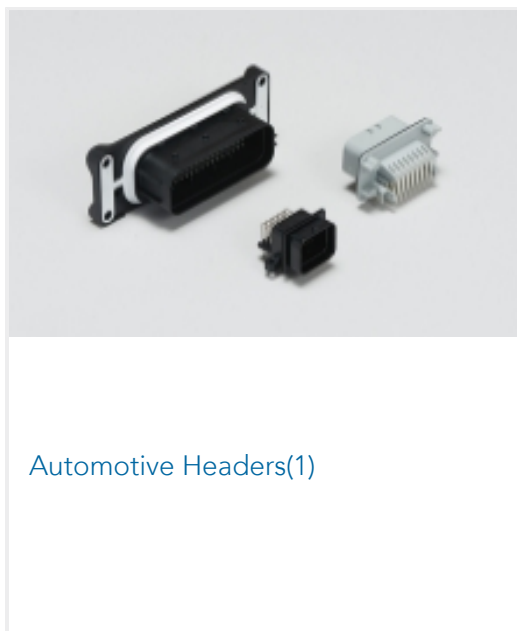
Product Compliance Disclaimer

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>

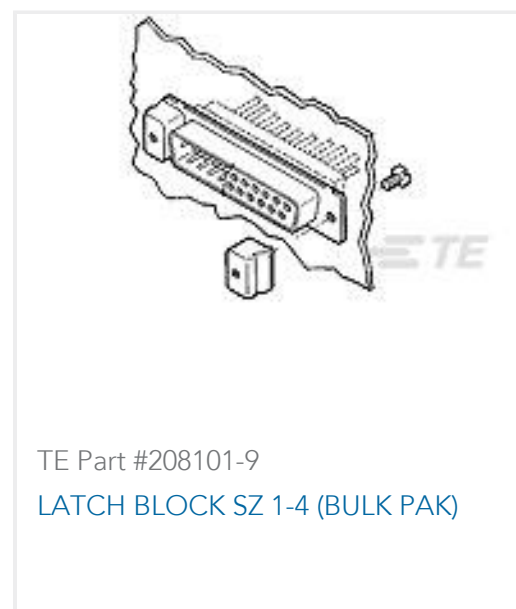
Compatible Parts



Also in the Series | AMPMODU Headers



Customers Also Bought





Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_5-103765-5_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-103765-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-103765-5_F.3d_stp.zip](#)

English

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