



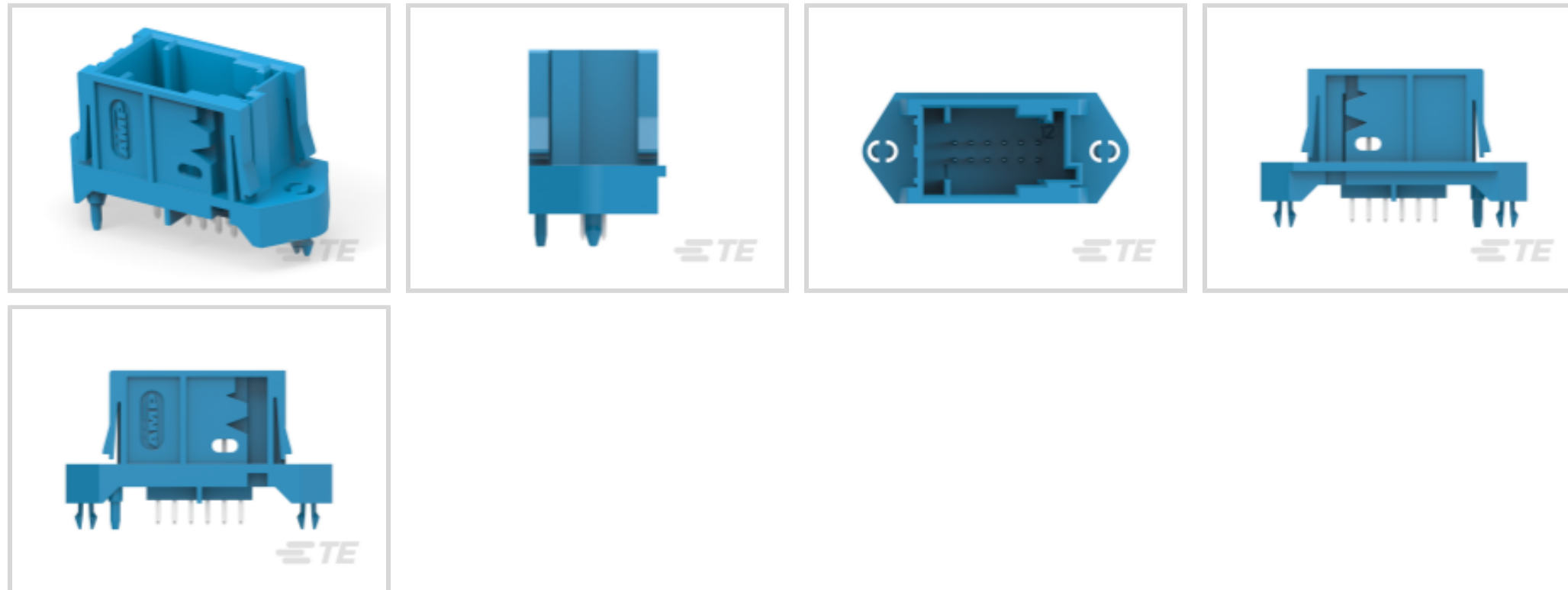
MQS

TE Internal #: 953130-2

PCB Mount Header, Vertical, Wire-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Blue, Tray

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **12**

Number of Rows: **2**

[All Signal Header \(246\)](#)

Features

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Dimensions

Connector Width	17 mm[.669 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	20.3 mm[.799 in]
Connector Length	40.4 mm[1.591 in]

Other

Interface Number	208-15544
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Packaging Features



Packaging Quantity	576
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Packaging Method	Tray
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Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 65 °C, 75 °C, 70 °C[158 °F][167 °F][176 °F][185 °F][149 °F]
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Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Body Features

Connector & Keying Code	2
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Primary Product Color	Blue
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Mechanical Attachment

Panel Mount Feature	With
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Mating Retention Type	Locking Interface
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Mounting Holes	Without
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Mating Retention	With
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PCB Mount Retention Type	Boardlock
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Panel Mount
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Mating Alignment	With
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Contact Features

Contact Size	.63mm
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Mating Tab Width	.63 mm[.025 in]
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Mating Tab Thickness	.63 mm[.025 in]
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Contact Mating Area Plating Material	Tin
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Contact Type	Tab
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Configuration Features

Number of Signal Positions	12
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Number of Sections	1
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PCB Mount Orientation	Vertical
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Number of Positions	12
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Number of Rows	2
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Product Type Features

Mixed & Hybrid Header	No
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Connector Shape	Rectangular
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PCB Connector Assembly Type	PCB Mount Header
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Connector System	Wire-to-Board
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Header Type	Fully Shrouded
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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



Customers Also Bought



Documents

Product Drawings

12pos MQS .63 header 180deg

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_953130-2_B.2d_dxf.zip](#)

English

Customer View Model



[ENG_CVM_953130-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_953130-2_B.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_953130-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_953130-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_953130-2_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

French

Product Specification

French