

2317023-1 ✓ ACTIVE



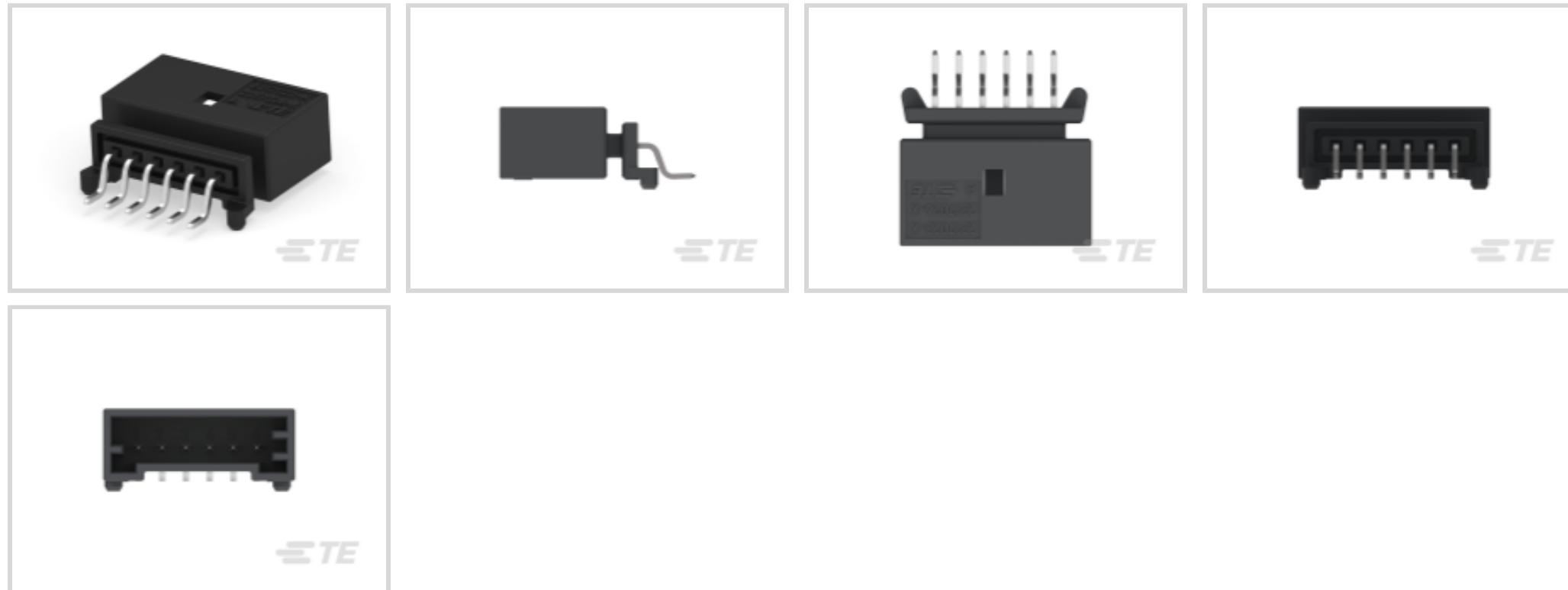
MQS

TE Internal #: 2317023-1

PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal, Black, MQS

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	6
Number of Positions	6
PCB Mount Orientation	Horizontal
Number of Rows	1

Electrical Characteristics

Voltage Rating (Max)	12 VDC
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Nominal Voltage Architecture	12 V
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Operating Voltage	12 VDC
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Body Features

Primary Product Color	Black
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Connector & Keying Code	A
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Contact Features

Contact Size	.63mm
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Contact Type	Tab
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Mating Tab Width	.62 mm[.024 in]
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Mating Tab Thickness	.62 mm[.024 in]
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Contact Mating Area Plating Material	Tin
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Contact Current Rating (Max)	7.5 A
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment	With
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PCB Mount Alignment	With
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PCB Mount Retention	Without
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Connector Length	20.95 mm[.824 in]
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Connector Width	20.55 mm[.809 in]
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Profile Height from PCB	7.9 mm[.311 in]
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Usage Conditions

Operating Temperature (Max)	135 °C[275 °F]
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Operating Temperature Range	-40 – 135 °C[-40 – 275 °F]
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Type	Tape & Reel
Packaging Quantity	350

Other

Interface Number	114-18063-148
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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 # 1-1241370-3
6POS MQS REC COD A

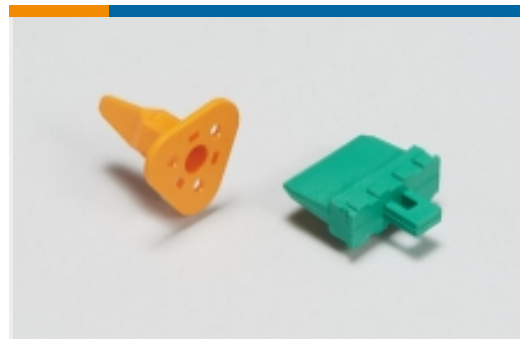
Also in the Series | MQS



Automotive Connector Caps & Covers (111)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(27)



Automotive Housings(375)



Automotive Terminals(89)



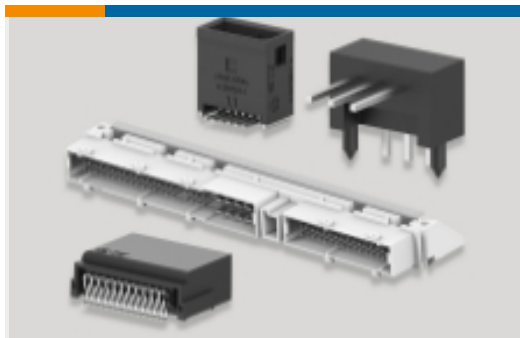
Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part #7-188275-4
MICRO-MATCH SMD FTE



TE Part #5-1879352-5
RR02 5% 56R AMMO



TE Part #1-2339210-0
PicoMQS, 2-22 POS HDR ASSY,
Unsealed



Documents

Product Drawings

[6pos MQS .63 header 90deg SMD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2317023-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2317023-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2317023-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Interface specification / Ausfuehrungsvorschrift 6 position MQS](#)

German

[Interface Standard](#)

German