1-968720-2 ACTIVE

MQS

TE Internal #: 1-968720-2

PCB Mount Header, Horizontal, Wire-to-Board, 32 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder,

Signal, Black, MQS

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



Connector System: Wire-to-Board

Number of Positions: 32

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

Sealable: No

PCB Mount Orientation: Horizontal

All Signal Header (448)

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 Sections	1	
Number of Signal Positions	32	
Number of Positions	32	
PCB Mount Orientation	Horizontal	
Number of Rows	2	
Electrical Characteristics		
Nominal Voltage Architecture	12 V	

12 VDC

Operating Voltage



Primary Product Color	Black
Connector & Keying Code	A
Contact Features	
Contact Size	.63mm
Contact Type	Tab
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Mating Area Plating Material	Tin
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface
Connector Mounting Type	Panel Mount
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Length	55.86 mm[2.199 in]
Connector Width	28.4 mm[1.118 in]
PCB Thickness (Recommended)	.8 – 1.6 mm[.031 – .063 in]
Profile Height from PCB	17 mm[.669 in]
Usage Conditions	
Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]



Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]
Operating remperature Nange	-40 - 130 C[-40 - 200 1]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Type	Tray
Packaging Quantity	256

Other

Inte	erface Number	114-18063-032
11160		111 10000 002

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 applicable for solder process capability

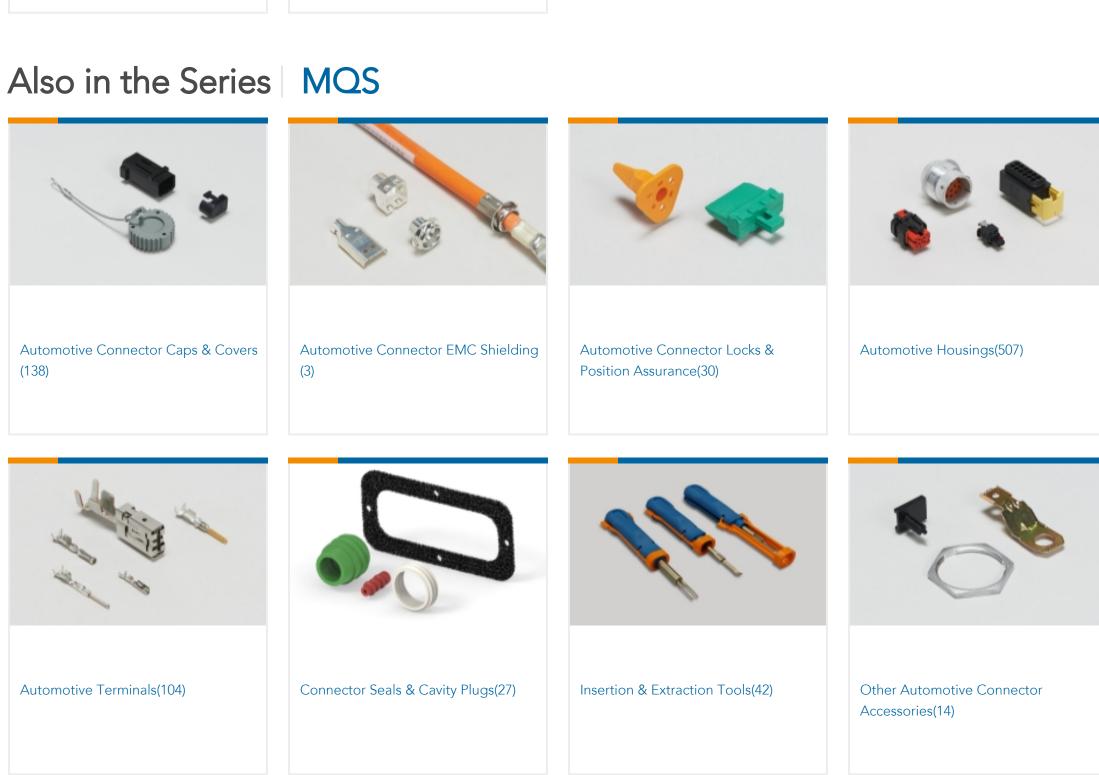
Product Compliance Disclaimer

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







Customers Also Bought

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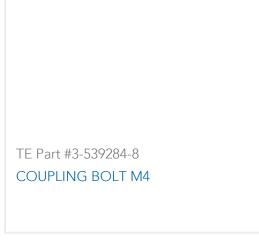
















TE Part #9-1372362-5 INDEX PIN COMPLETE

Documents

Product Drawings

32pos MQS .63 header 90deg THR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-968720-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-968720-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-968720-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

PCB Mount Header, Horizontal, Wire-to-Board, 32 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, MQS



Application Specification

English