

1355505-1 ✓ ACTIVE



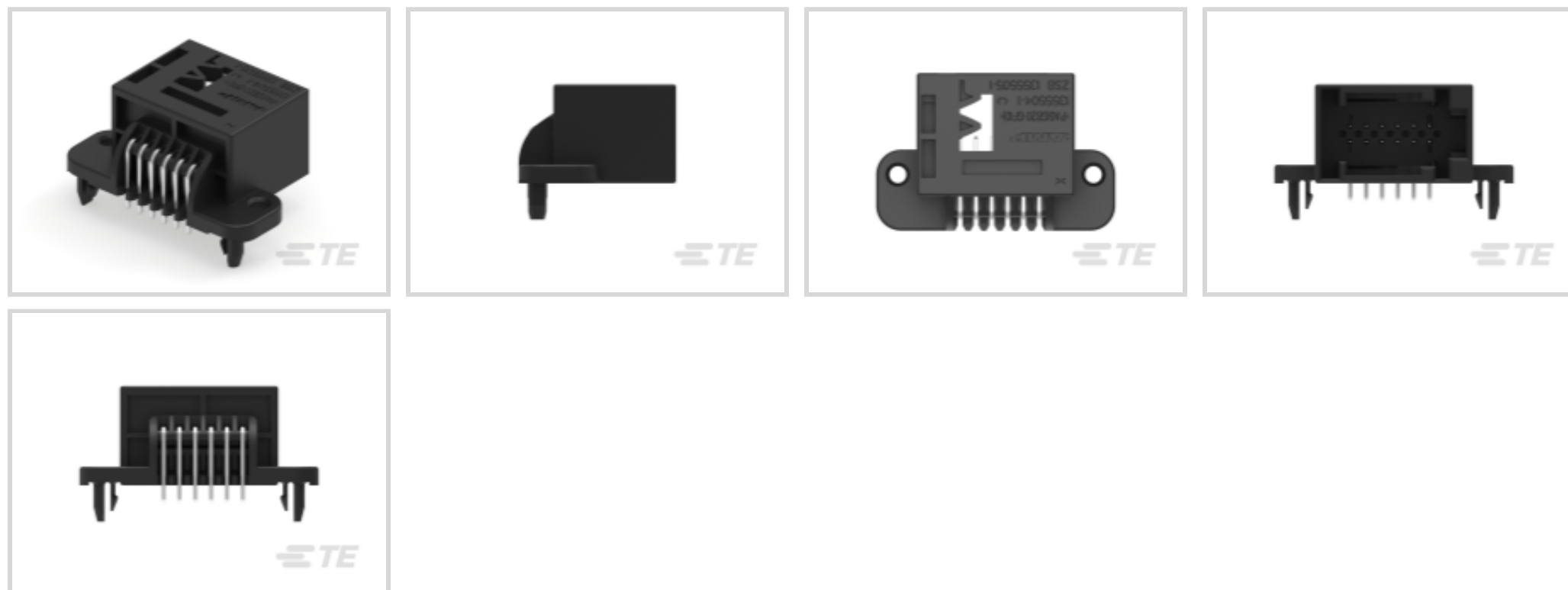
MQS

TE Internal #: 1355505-1

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

[View on TE.com >](#)

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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Horizontal**

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

[All Signal Header \(280\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Interface Number	968473

Product Type Features

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

Configuration Features



Number of Signal Positions	12
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	12
Number of Rows	2

Electrical Characteristics

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

Body Features

Connector & Keying Code	Z
Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
Mounting Holes	With
PCB Mount Retention Type	Boardlock
PCB Mount Retention	With
PCB Mount Alignment	With
Mating Alignment	With

Housing Features

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

Connector Width	38.4 mm[1.498 in]
PCB Thickness (Recommended)	.8 – 1.6 mm[.031 – .063 in]



Profile Height from PCB	15.9 mm[.626 in]
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Connector Length	25.27 mm[.986 in]
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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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Operation/Application

Shielded	No
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Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	432
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Packaging Method	Loose Piece
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	Wave solder capable to 240°C
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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



TE Part # 929051-1
MQS ABDEKA M.HEB12P



TE Part # 968473-1
12POS MQS REC

Customers Also Bought



TE Part #1827570-2
DYNAMIC D1000 REC CONT M AU
0.38um FORM



TE Part #1-1827864-2
DYNAMIC 1200D REC HSG 4P X
BLACK



TE Part #969599-1
Signal Header



TE Part #2208165-1
20POS,NANO MQS,HEADER ASSY,
CODA



TE Part #2315405-1
4POS,TAB0.5X0.4,HDR ASSY,90DEG,
COD A



TE Part #2315411-1
8POS,TAB0.5X0.4,HDR ASSY,90DEG,
COD A

Documents

Product Drawings

12pos MQS .63 header 90deg

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1355505-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1355505-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1355505-1_D.3d_stp.zip](#)



English

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

Product Specifications

Application Specification

English

Mating connection 10 position for MT3 rec. housing

English