

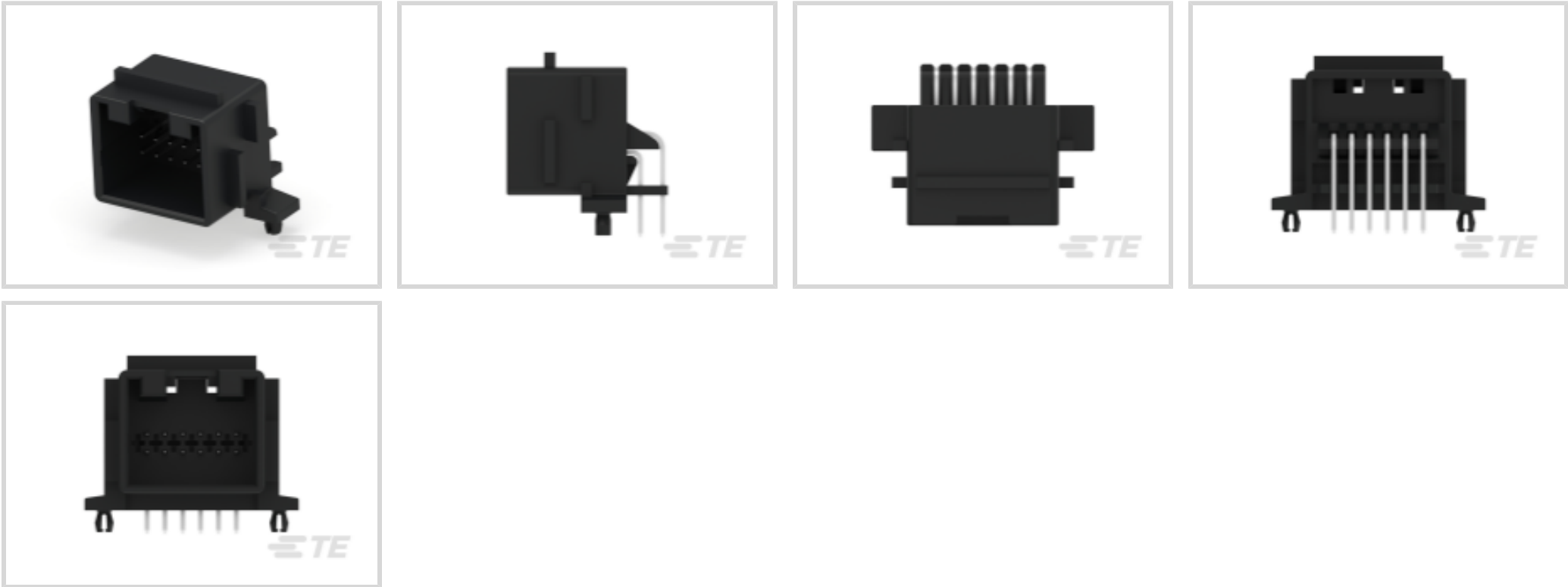


MQS

TE Internal #: 1-967250-1
Horizontal, Wire-to-Board, 12 Position, 2 Row, 2.5mm [.098in]
Centerline, Tin (Sn), Printed Circuit Board, 7.5A Contact Current
Rating (Max), Signal

[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Horizontal**
Contact Current Rating (Max): **7.5 A**
Termination Method to PCB: **Through Hole - Solder**
Sealable: **No**
Centerline (Pitch): **2.5 mm [.098 in]**

[All Signal Header \(232\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Sealable	No
Connector System	Wire-to-Board
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



Body Features

Primary Product Color	Black
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Contact Features

Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Connector Width	21.7 mm[.854 in]
PCB Thickness (Recommended)	.8 – 1.6 mm[.031 – .063 in]
Profile Height from PCB	19.6 mm[.772 in]
Connector Length	30 mm[1.181 in]

Operation/Application

Solder Process	Wave Solder Capable
Shielded	No
Circuit Application	Signal

Packaging Features

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Packaging Quantity	270
Packaging Method	Tray

Other

Interface Number	1534100, 1534104
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



TE Part # 1-1534093-1
MQS COVER 2X6 POS

TE Part # 1897277-2
COVER HSG FOR 12P REC

TE Part # 1534100-1
12POS MQS REC COD A

TE Part # 1-1534096-1
MQS ABDECKKAPPE2X6P

TE Part # 1355360-1
TSP ABDECKKAPPE2X6P

Customers Also Bought

TE Part #CAT-SIGH262
Signal Header

TE Part #2237067-1
24POS,TAB0.64X0.64,HDR ASSY,90 DEG,SMD

TE Part #1-2330747-1
4POS,TAB0.63X0.63,HDR ASSY, 90DEG,SMD,S

TE Part #1-5179029-0
0.8FH,P06H.5,200,08/Sn,TU

TE Part #171581-1
070 MULTI LOCK CAP ASSY 4P V

TE Part #1-2395006-2
12POS,TAB0.5X0.4,HDR ASSY, 180DEG,COD B

TE Part #1-2395010-1
16POS,TAB0.5X0.4,HDR ASSY, 180DEG,COD A

TE Part #2395016-1
22POS,TAB0.5X0.4,HDR ASSY, 180DEG,COD A

Documents

Product Drawings
12P,TAB0.63X0.63,HDR,90DEG,SLDR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-967250-1_D.2d_dxf.zip

1-967250-1

Horizontal, Wire-to-Board, 12 Position, 2 Row, 2.5mm [.098in] Centerline, Tin (Sn), Printed Circuit Board, 7.5A Contact Current Rating (Max), Signal



English

Customer View Model

[ENG_CVM_CVM_1-967250-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-967250-1_D.3d_stp.zip](#)

English

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Product Specifications

COVER HSG FOR 12P REC

English

Product Specification

English