



Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



Connector System: **Wire-to-Board**
Number of Positions: **134**
Centerline (Pitch): **2.54 mm, 5 mm [.1 in, .197 in]**
Sealable: **No**
PCB Mount Orientation: **Horizontal**

[All High Pin Count Header \(90\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
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	5
Number of Signal Positions	116
Number of Positions	134
PCB Mount Orientation	Horizontal
Number of Rows	4



Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	.63mm, 3mm
Contact Type	Tab
Mating Tab Width	.63 mm, 3 mm[.025 in][.118 in]
Mating Tab Thickness	.63 mm, .8 mm[.025 in][.031 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm, 5 mm[.1 in][.197 in]
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Dimensions

Connector Length	141 mm[5.551 in]
Connector Width	34.6 mm[1.362 in]
Profile Height from PCB	25.5 mm[1.004 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 °
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	F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 266 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	50
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Other

Interface Number	114-18066-019
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Wave solder capable to 240°C

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 # CAT-T4827-CH8172
Timer Connector Housing



TE Part # 7-965496-1
MQS/JPT ST-WA-GH134

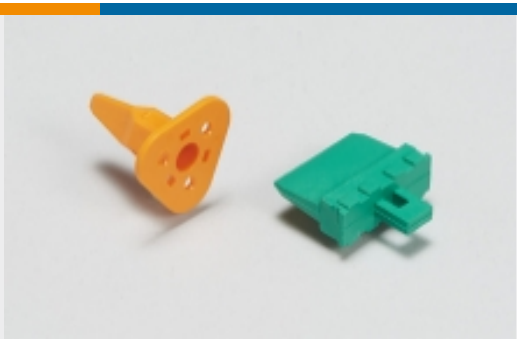
Also in the Series | MQS



Automotive Connector Caps & Covers
(113)



Automotive Connector EMC Shielding
(3)



Automotive Connector Locks &
Position Assurance(26)



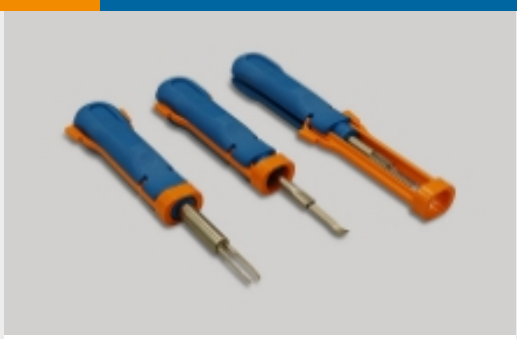
Automotive Housings(379)



Automotive Terminals(88)



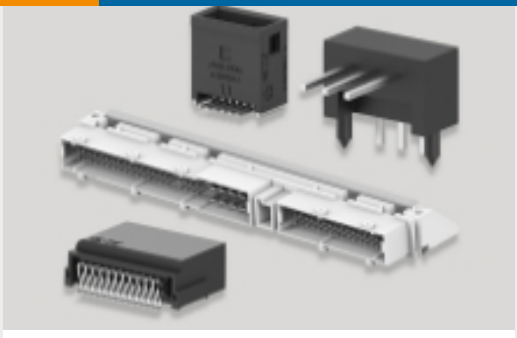
Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)



Other Automotive Connector
Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part # 828801-6
Low & Medium Power Header

TE Part # 1379030-1
Signal Header

TE Part # 1743447-2
ACTION PIN FOR 1.2mm TAB

TE Part # 174917-1
HYBRID I/O CONN CAP ASSY 48P

TE Part # 3-966658-1
32pos MQS .63 header 180deg

Documents

Product Drawings

134pos hybrid MQS .63 header 90deg

German

CAD Files

Customer View Model

ENG_CVM_CVM_7-967288-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-967288-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-967288-1_F.3d_stp.zip

English

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

Product Specifications

MQS, JPT Steuergeraetestecker 134 polig

English

Product Specification

English