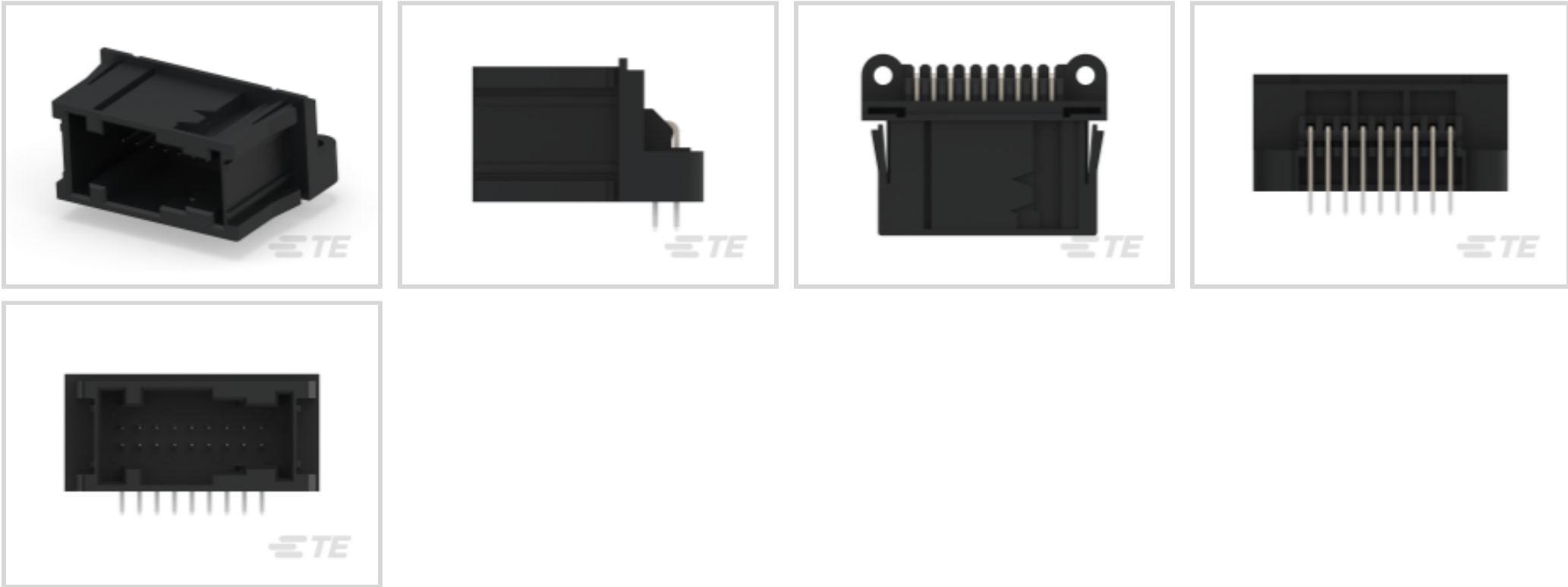




MQS
TE Internal #: 185683-1
Horizontal, Wire-to-Board, 18 Position, 2 Rows, 2.54mm [.1in]
Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, Panel
Mount
[View on TE.com >](#)

Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Horizontal**
Termination Method to PCB: **Through Hole - Solder**
Sealable: **No**
Centerline (Pitch): **2.54 mm [.1 in]**
Connector System: **Wire-to-Board**

[All Signal Header \(237\)](#)

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	18
Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Positions	18
Number of Rows	2



Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Connector & Keying Code	1
Primary Product Color	Black

Contact Features

Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
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	With
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	With
Mating Alignment	With
PCB Mount Alignment	Without
Connector Mounting Type	Panel Mount

Housing Features

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

Connector Width	27.4 mm[1.079 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	37 mm[1.457 in]
Profile Height from PCB	17 mm[.669 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C[149 °F][158 °F][167 °F][176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]



Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Quantity	1080
Packaging Method	Tray

Other

Interface Number	114-18063-16
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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 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 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 # 1379100-1
COV+LEV MQS 18W 0DEG BLK



TE Part # 1379101-1
COV+LEV MQS 18W 90DEG BLK



TE Part # 1379101-2
COV+LEV MQS 18W 90DEG WHI



TE Part # 1379102-1
18POS MQS REC

Customers Also Bought



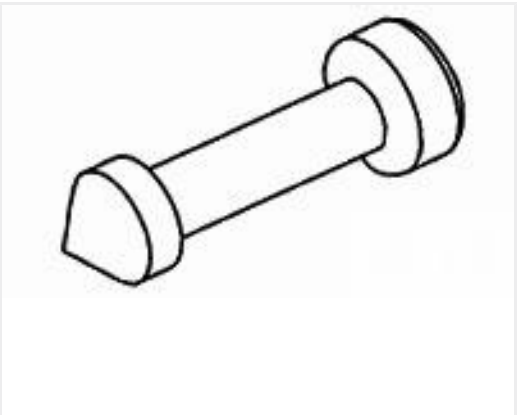
TE Part #1-350948-0
04P UMNH HDR ASSY R/A V2 NATL



TE Part #3-644038-5
05P MTA100 CONN ASSY POL 15AU



TE Part #3-647008-5
05P MTA100 PSTD CONN ASSY LF



TE Part #4-1437284-3
CVTY PLUG,SUPERSEAL,CVTY DIA,2,4



TE Part #1-2177198-1
COVER,10 POS. MQS,BL



TE Part #2208339-3
10POS,NANOMQS,REC HSG,COD C



TE Part #CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part #2383363-1
TPA TAB HSG ASSY,95POS, LEAVYSEAL, SLD



TE Part #6-1393788-8
V23079E1201B301

Documents

Product Drawings
18pos MQS .63 header 90deg
English

CAD Files
Customer View Model
ENG_CVM_185683-1_D.3d_igs.zip
English
Customer View Model



[ENG_CVM_185683-1_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_185683-1_D.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_185683-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_185683-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_185683-1_A.3d_stp.zip](#)

English

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

Product Specifications

Product Specification

French