

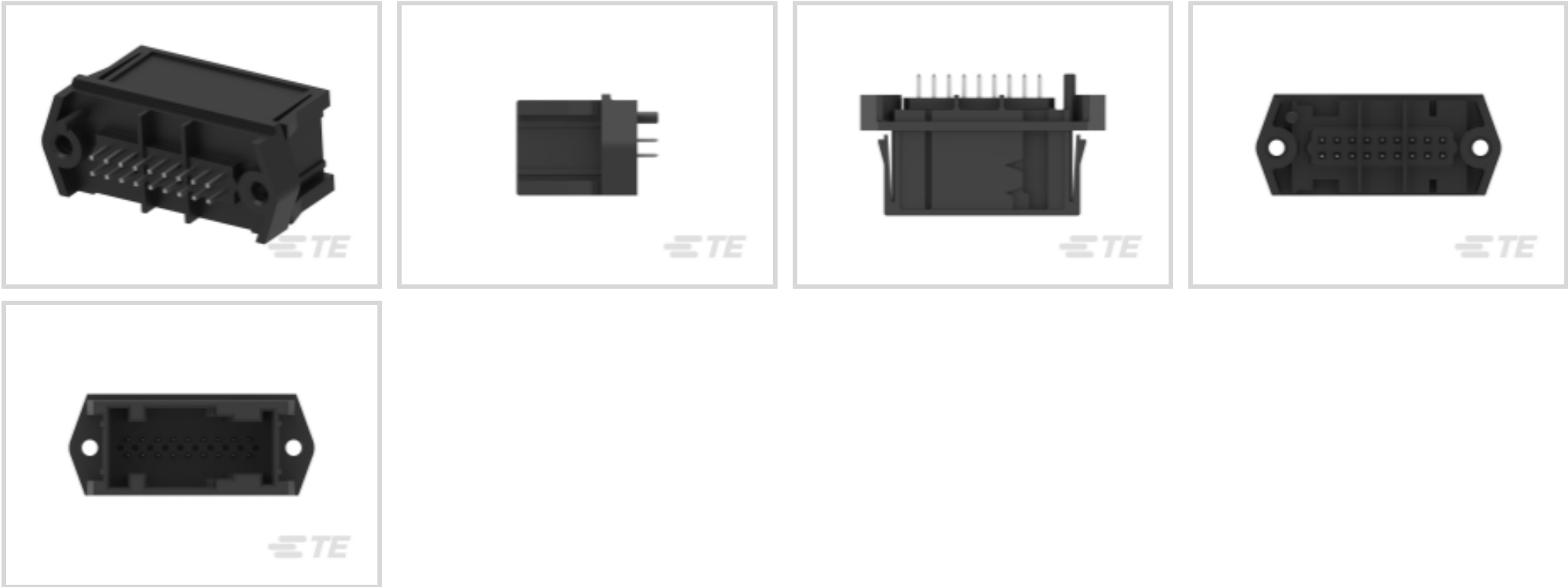


MQS

TE Internal #: 1-1355154-1
PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, Tray

[View on TE.com >](#)

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



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **18**
Number of Rows: **2**

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

Features

Dimensions

Connector Width	23.8 mm[.937 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	20.3 mm[.799 in]
Connector Length	41.3 mm[1.626 in]

Other

Interface Number	1355350
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Packaging Features

Packaging Quantity	384
Packaging Method	Tray

Usage Conditions

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Operating Temperature (Max)	80 °C, 105 °C, 90 °C, 100 °C, 85 °C, 65 °C, 75 °C, 70 °C, 110 °C, 120 °C[212 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Operation/Application

Shielded	No
Circuit Application	Signal

Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
Mounting Holes	With
Mating Retention	With
PCB Mount Retention Type	Mounting Hole
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Panel Mount
Mating Alignment	With

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

Configuration Features

Number of Signal Positions	18
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	18
Number of Rows	2

Product Type Features

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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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Industry Standards

UL Flammability Rating	UL 94HB
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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 2024 (241) Candidate List Declared Against: JUL 2021 (219) 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

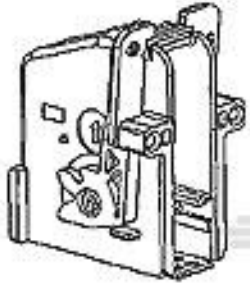
Product Compliance Disclaimer

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

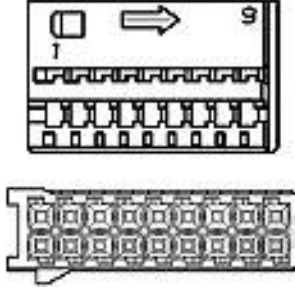


requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts




TE Part # 1-1355350-1
MQS ABDECKKAPPE 18P



TE Part # 1355348-1
18POS MQS REC

Customers Also Bought



TE Part #CAT-SIGH262
Signal Header



TE Part #3-1415390-1
PE014F12



TE Part #1440007-2
OJ-SS-124HM,000



TE Part #1-2299782-2
8POS,MIXED,REC HSG,ASSY,SLD




TE Part #2286547-1
HSD,HDR ASSY,180DEG,COD A



TE Part #2306368-3
2P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2306368-4
2P,MATE-AX,HDR ASSY,90DEG,COD D



TE Part #1393277-8
V23076A1022C133

Documents

Product Drawings
MQS STIFTWANNE 18P

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1355154-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1355154-1_B.3d_igs.zip

1-1355154-1

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black, Tray



English

Customer View Model

[ENG_CVM_CVM_1-1355154-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English