



MQS

TE Internal #: 953302-1

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 \(246\)](#)

Features

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Dimensions

Connector Width	17 mm[.669 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	20.3 mm[.799 in]
Connector Length	44.5 mm[1.752 in]

Packaging Features

Packaging Quantity	462
Packaging Method	Tray

Usage Conditions

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

Body Features

Connector & Keying Code	1
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	Without
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

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) 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 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 # 1379101-2
COV+LEV MQS 18W 90DEG WHI



TE Part # 1670903-1
SHIELD.SHELL,0,18 W MQS FRAME, ASSY



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



TE Part # 1379100-1
COV+LEV MQS 18W 0DEG BLK

Customers Also Bought



TE Part #4-1904124-2
V23074A1001A402-EV-CBOX



TE Part #2413902-1
HVA HD400 180D HEADER PCB COVER



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



TE Part #1415899-5
RZ01-1A4-D024



TE Part #5-1879208-0
CPF 0402 1K1 0.1% 25PPM 1K RL



TE Part #5-1879125-1
RN 0402 75R 0.1% 10PPM 5K RL



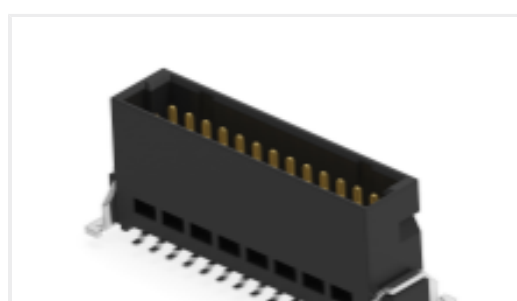
TE Part #365046-1
09P.M-N-L.PIN HDR.



TE Part #5104340-1
A/L LOW PRO HDR 10P RA HT



TE Part #3-647166-3
3P MTA100 HDR ASSY,SM,FL,LF



TE Part #063209-E
SMCQ 26 M AB VV 3-03 CLHD * H007 137 E00

Documents

Product Drawings

[18pos MQS .63 header 180deg](#)

[French](#)

CAD Files

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_953302-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_953302-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_953302-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_953302-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_953302-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_953302-1_C.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[EMBASES 18 VOIES SORTIES DROITES A SOUDER SUR CARTE IMPRIMEE](#)

English

[Product Specification](#)

English