



MQS

TE Internal #: 2-1418637-5

PCB Mount Header, Vertical, Wire-to-Board, 13 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin (Sn), Signal, Green, Loose Piece

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



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board**

Number of Positions: **13**

Number of Rows: **3**

[All Signal Header \(245\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Sections	7
PCB Mount Orientation	Vertical
Number of Positions	13
Number of Rows	3



Electrical Characteristics

Operating Voltage	12 VAC
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Body Features

Connector & Keying Code	B
Primary Product Color	Green

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 (Sn)
Contact Type	Tab

Mechanical Attachment

Mating Retention Type	Locking Interface
Mounting Holes	Without
Mating Retention	With
Mating Alignment	With

Housing Features

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

Connector Length	52 mm[2.047 in]
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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[212 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	No
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Packaging Features

Packaging Method	Loose Piece
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Other



Interface Number	114-18563
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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 with Exemptions
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

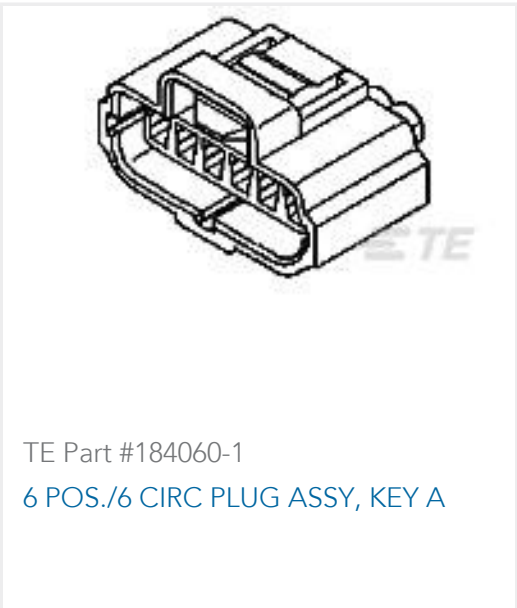
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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




Customers Also Bought







TE Part #184060-1
6 POS./6 CIRC PLUG ASSY, KEY A




TE Part #0462-005-20141
SOC, SOLID, SIZE 20, 16-18AWG, NI




TE Part #1924782-1
GET FEM TERM 1.2MM, TS, SNAG 1MMSQ




TE Part #2-1418639-5
2POS MQS REC COD B




TE Part #1-967067-1
MQS SGL WIRE SEAL




TE Part #1393243-4
RTE24012




TE Part #480054-4
FF 250 REC HSG 1P NYLON BLACK



TE Part #DTM13-12PA-R008
HDR, 12P, BLK, RA EEC, NI/CU, A



TE Part #2208021-1
22POS,0.64 GENER. Y,REC HSG,ASSY



TE Part #2035334-2
CONTACT,FEMALE0.64, 18 AWG

Documents

Product Drawings
13pos MQS .63 header 180deg
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1418637-5_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-1418637-5_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-1418637-5_C.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Application Specification

English

Frame spec. for socket housing 2 pos.

English

Application Specification

English