



MQS

TE Internal #: 2-969682-1
PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 2.54 mm
[.1 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Signal,
Black, Tape

[View on TE.com >](#)

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



Connector System: **Wire-to-Board**
Number of Positions: **6**
Centerline (Pitch): **2.54 mm [.1 in]**
Sealable: **No**
PCB Mount Orientation: **Horizontal**

[All Signal Header \(298\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
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	1
Number of Signal Positions	6
Number of Positions	6
PCB Mount Orientation	Horizontal
Number of Rows	1



Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Pin
Mating Tab Width	.63 mm[.024 in]
Mating Tab Thickness	.63 mm[.024 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Current Rating (Max)	7.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface
Connector Mounting Type	Board Mount

Housing Features

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

Connector Length	20 mm[.787 in]
Connector Width	14 mm[.551 in]
Profile Height from PCB	8.3 mm[.326 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features



Packaging Quantity	300
Packaging Method	Tape

Other

Interface Number	114-18063-19
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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	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 # 1-1241370-3
6POS MQS REC COD A

TE Part # 2-969325-1
MQS ST-WA-GEH SMD6P



Customers Also Bought



TE Part #2208165-1
20POS,NANO MQS,HEADER ASSY, CODA



TE Part #1670643-2
Press-Fit & SMT Header



TE Part #1-1703930-1
NANOMQS, RECEPTACLE TERMINAL



TE Part #2-969682-2
6pos MQS .63 header 90deg SMD



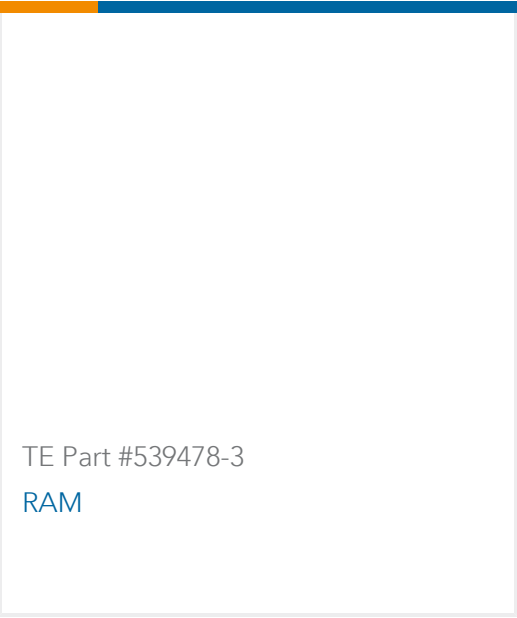
TE Part #2302452-1
MATENET, FIXATION ELEMENT



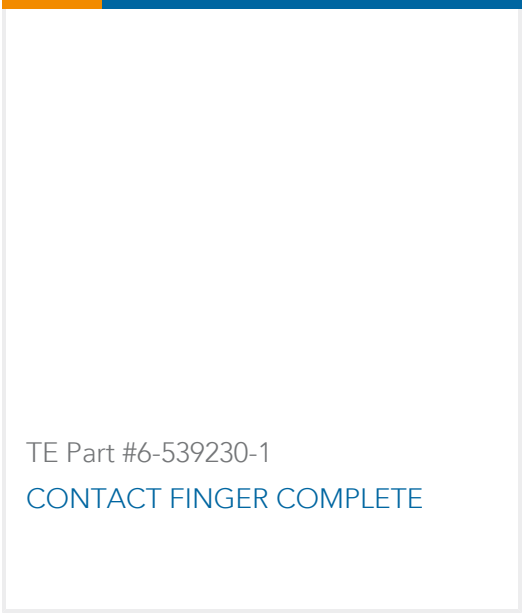
TE Part #2317515-1
2X10POS,NANOMQS,HDR ASSY, 90DEG,SMD,COD A



TE Part #ANT-GNRM-L125A-3
Antenna GNSS L1L2L5 Ext Mag RG174 3M SMA



TE Part #539478-3
RAM



TE Part #6-539230-1
CONTACT FINGER COMPLETE

Documents

Product Drawings
6pos MQS .63 header 90deg SMD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-969682-1_C_c-2-969682-1-c.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-969682-1_C_c-2-969682-1-c.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-969682-1_C_c-2-969682-1-c.3d_stp.zip
English

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Product Specifications

Product Specification

English

Product Specification

English