1355505-1 ✔ ACTIVE

MQS

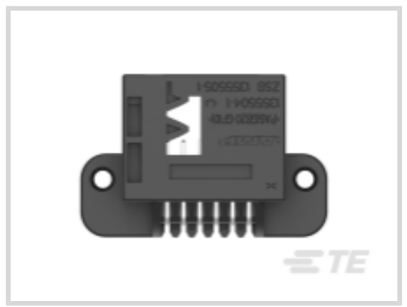
TE Internal #: 1355505-1

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power & Signal

View on TE.com >

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







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

Number of Positions: **12**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

All Signal Header (293)

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
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	12
Number of Positions	12
PCB Mount Orientation	Horizontal
Number of Rows	2

Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black
Connector & Keying Code	Z

Contact Features

Contact Size	.63mm
Contact Type	Tab
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mounting Holes	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	25.27 mm[.986 in]
Connector Width	38.4 mm[1.498 in]
PCB Thickness (Recommended)	.8 – 1.6 mm[.031 – .063 in]
Profile Height from PCB	15.9 mm[.626 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	Power & Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	432
Packaging Method	Loose Piece

Other

Interface Number	968473

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	Wave solder capable to 240°C

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 # 929051-1
MQS ABDEKA M.HEB12P



TE Part # 968473-1
12POS MQS REC

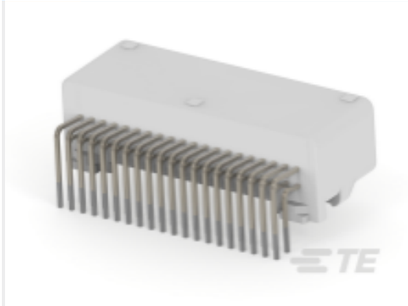
Customers Also Bought



TE Part #1-968720-2
Signal Header



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



TE Part #1-1318384-3
025 CAP HSG ASSY 40P



TE Part #1801248-2
025 RECEPTACLE CONTACT



TE Part #66593-1
TYPE VI PIN CONT,M-MATE,LP



TE Part #2315411-1
8POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A



TE Part #1-967162-2
3pos MQS .63 header 90deg THR



TE Part #7-1904107-4
V23201-R1001-A512

Documents

Product Drawings

12pos MQS .63 header 90deg

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1355505-1_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1355505-1_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1355505-1_D.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

Mating connection 10 position for MT3 rec. housing

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2377783-2 917696-1 936348-1 MPT100C18RF 175977-2 CRGCQ2010J3K3 SMW73R0JT TE50BR39J
1-794222-0 1-962915-1 141991-2 1969656-1 3-1393225-0 3631B101LL CPF0402B37K4E1 SBCHE64R7K
2005330-1 2310537-1 2834055-1 3430B2F51RTDF 650075-000 RH73H2A40MKTN SBCHE154R7K
1393431-1 1903112-2 2-292161-3 1743455-2 2380312-2 ROX05SJ18R U5254-000005-030PA