1-1355730-1 ✔ ACTIVE

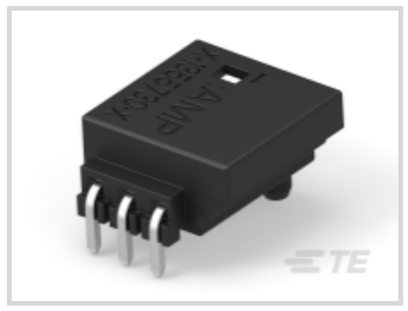
MQS

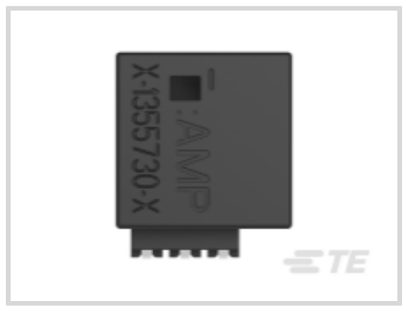
TE Internal #: 1-1355730-1

PCB Mount Header, Horizontal, Wire-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Black

View on TE.com >

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







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

Number of Positions: **3**

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

Sealable: **No**

PCB Mount Orientation: **Horizontal**

All Signal Header (295)

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	3
Number of Positions	3
PCB Mount Orientation	Horizontal
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	14 VDC

Body Features

Primary Product Color	Black
Connector & Keying Code	A

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	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	10.2 mm[.402 in]
Connector Width	14 mm[.551 in]
PCB Thickness (Recommended)	.8 mm[.031 in]
Profile Height from PCB	5.9 mm[.232 in]

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[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	600
Packaging Method	Loose Piece

Other

Interface Number	114-18063-18

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

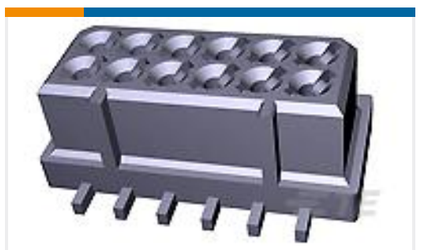


TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING

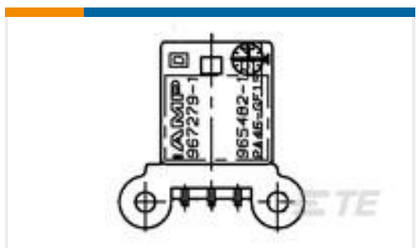


TE Part # 1-929089-1
3POS MQS FFC REC COD A

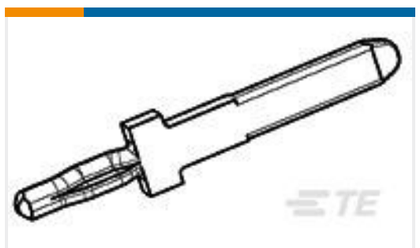
Customers Also Bought



TE Part #4-175630-2
1.25FP,R12,DL,O,N,TR



TE Part #967279-4
3pos MQS .63 header 90deg THR



TE Part #368405-2
ACTION PIN FOR 040 TAB



TE Part #2298123-1
MATE-AX, Pin outer contact, RTK 031



TE Part #2326897-1
COAX,PIN HSG TRMNL BLOCK, UNSLD,180DEG



TE Part #2326914-3
FAKRA AUT,PIN HSG,UNSLD,180DEG, COD C



TE Part #2385337-3
HOUSING, CLIP SLOT, 1POSITION, FAKRA



TE Part #2-1414987-3
V23086C1002A803-EV-CBOX

TE Part #1-2298721-2
4P,MATE-AX,SOC HSG ASSY,180DEG, COD B

Documents

Product Drawings

3pos MQS .63 header 90deg

English

CAD Files

Customer View Model

ENG_CVM_1-1355730-1_D2.3d_igs.zip

English

Customer View Model

ENG_CVM_1-1355730-1_D2.3d_stp.zip

English

Customer View Model

ENG_CVM_1-1355730-1_D2.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1355730-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1355730-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1355730-1_A.3d_stp.zip

English

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

Product Specifications

Application Specification

German

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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