969587-1 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 969587-1

PCB Mount Header, Vertical, Board-to-Board, 10 Position, 2.5 mm [.09 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMPMODU Headers

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PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.63 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin

Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	1.7 mm[.067 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Latching
Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.09 in]
Housing Material	PBT GF15

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	2500
Packaging Method	Box

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 # 1-1534170-1
MQS ABDECKKAPPE2X5P



TE Part # 964870-1
TDSPR ABDECKKAPPE

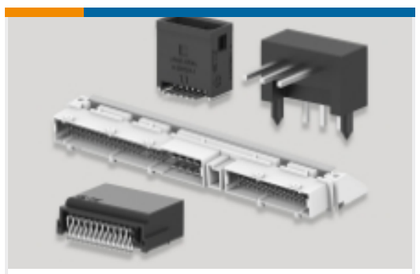
Also in the Series | AMPMODU Headers



Connector Contacts(60)



Connector Hardware(1)

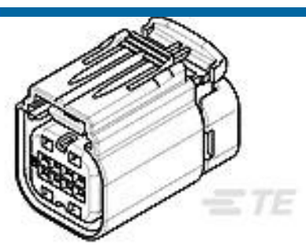


PCB Headers & Receptacles(1629)



Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought



TE Part #1411001-1
SEALED HARN ASSY W/O CPA KEY B



TE Part #1958192-1
PIDG 16-14 PVF2 WIRE PIN



TE Part #1-1355211-2
8pos MQS .63 header 180deg



TE Part #1456968-2
CONTACT,FEMALE, 0.64, 18 AWG, AG

Documents

Product Drawings

MOD2 PIN HEADER 2X5P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_969587-1_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_969587-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_969587-1_B1.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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