969587-2 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 969587-2

PCB Mount Header, Vertical, Board-to-Board, 10 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles

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
Sealable	No
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

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.63 mm[.025 in]
Contact Shape & Form	Square
Contact Underplating Material	Nickel

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Tin Alloy
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.0254 µm[1 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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[.098 in]
Housing Material	PBT GF

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 Type	Carton

Other

Position Locations Omitted	0

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

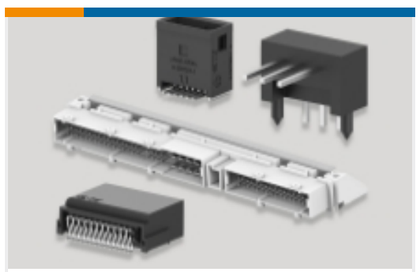
TE Part # 1-1534170-1
MQS ABDECKKAPPE2X5P

TE Part # 964870-1
TDSPR ABDECKKAPPE

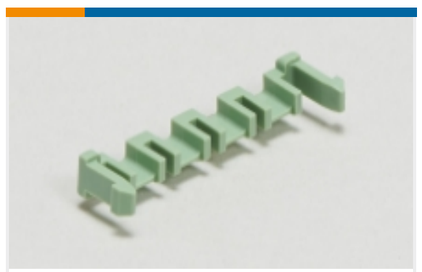
Also in the Series | AMPMODU Headers

PCB Connector Mounting(1)

PCB Connector Shrouds(1)



PCB Headers & Receptacles(4961)



PCB Latches, Locks & Retainers(2)

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

Wire-to-Board Connector Contacts(65)

Customers Also Bought

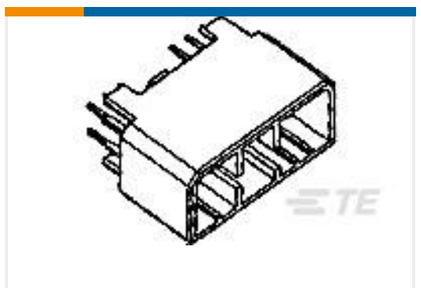
TE Part #178803-5
DYNAMIC D3100D TAB HSG PM 10P

TE Part #D761993001
RAY-101-10.0(100)

TE Part #A513413001
RAY-101-6.0(100)

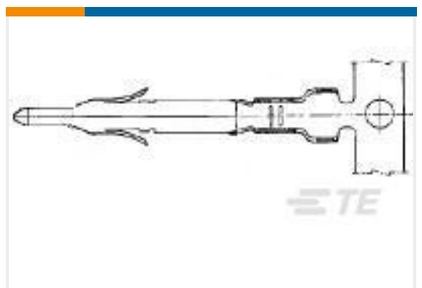
TE Part #350782-1
09P UMNL CAP HSG

TE Part #350781-1
06P UMNL CAP HSG



TE Part #1-174960-1
070 MLC CAP ASSY V 20P

TE Part #F345203001
RAY-101-3.0(100)



TE Part #170363-3
MINI UNIVERSAL M-N-L PIN LP

TE Part #NB12042001
ATUM-9/3-0-STK

TE Part #383455-000
44A0121-18-0/2

Documents

Product Drawings

MOD2 STIFTLEIS2X5P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_969587-2_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_969587-2_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_969587-2_B1.3d_stp.zip

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English