1241209-1 ✔ ACTIVE

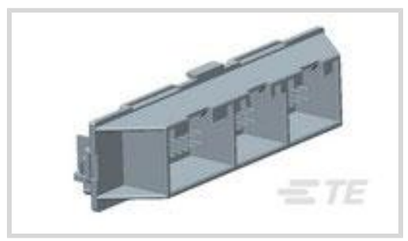
AMPMODU | AMPMODU Headers

TE Internal #: 1241209-1

PCB Mount Header, Right Angle, Wire-to-Board, 40 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin (Sn), AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **40**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	40
Number of Rows	2

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Shape & Form	Square
Contact Underplating Material	Nickel
Contact Base Material	Copper Tin Alloy

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Polarization
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBT GF15

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	168
Packaging Method	Carton

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 828929-2
2X 8P TANSPR BUSTCK

TE Part # 969444-1
TSP COVER 2X6P

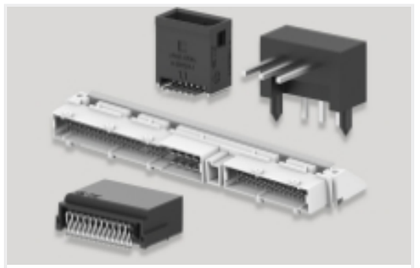
Also in the Series | AMPMODU Headers



Automotive Headers(3)



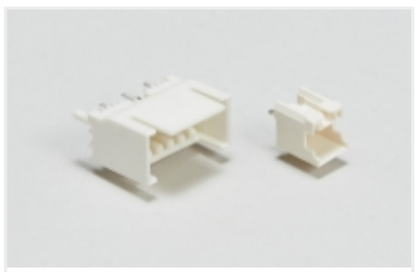
Automotive Signal & Power Headers(3)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)

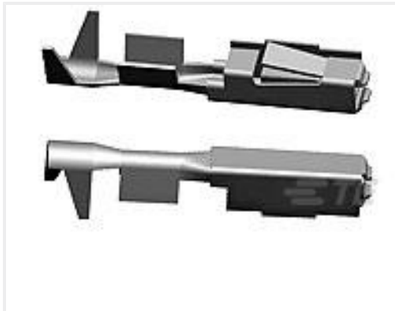


Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



TE Part #NB09826001
ATUM-19/6-0-40MM



TE Part #5-928999-6
MQS0,63 Ag rec LL unseal. >0,2-0,35



TE Part #2-963964-4
MQS STIFTE MAGAZ



TE Part #1-967642-1
3POS MQS REC SEALED COD A



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part #CAT-HVH5375
High-Voltage Header



TE Part #3-2310224-1
2POS,PCON12,HDR ASSY,COD A,S.V.

Documents

Product Drawings

MODU STLEI16+12+12P

English

Agency Approvals

UL

English