

1241209-1 ✓ ACTIVE

AMPMODU | AMPMODU Headers

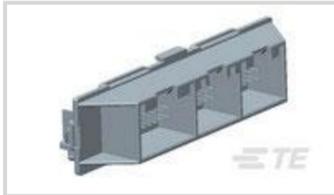
TE Internal #: 1241209-1

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

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **40**

Number of Rows: **2**

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

PCB Mount Orientation: **Right Angle**

## Features

### Product Type Features

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

### Configuration Features

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

### Body Features

Connector Profile	Standard
Primary Product Color	Black

### Contact Features

Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Copper Tin Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Pin

#### Termination Features

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

#### Mechanical Attachment

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

#### Housing Features

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

#### 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 Type	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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 828929-2 2X 8P TANSR BUSTCK	TE Part # 828929-1 2X 6P TANSR BUSTCK	TE Part # 969444-1 TSP COVER 2X6P	TE Part # 969444-2 TSP ABDECKKAPPE2X6P
--	--	--------------------------------------	---

Also in the Series | [AMPMODU Headers](#)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



PCB Headers & Receptacles(6830)



PCB Latches, Locks & Retainers(2)



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



Wire-to-Board Connector Contacts(66)

## Documents

### Product Drawings

[MODU STLE16+12+12P](#)

English

### Agency Approvals

[UL](#)

English