

TE Internal #: 87633-8
PCB Mount Header, Vertical, Board-to-Board, 8 Position, 3.96 mm [.156 in] Centerline, Breakaway, Gold, Through Hole - Solder, AMPMODU MOD 1

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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: **8**
Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	10.29 mm[.405 in]
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.79 mm[.031 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.79 mm[.031 in]
Rectangular Termination Post & Tail Width	.89 mm[.035 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
Mating Alignment Type	Keyed
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon

Dimensions

PCB Thickness (Recommended)	1.79 mm[.07 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	126
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 87988-5 05 MODI BDMNT RCPT SR .156CL	TE Part # 87984-8 08 MODI BDMNT RCPT SR .156CL	TE Part # 87988-3 03 MODI BDMNT RCPT SR .156CL	TE Part # 87986-4 04 MODI BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1

Automotive Terminals(4)	Board-to-Board Jumpers & Shunts(5)	Connector Contacts(108)	Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(341)



Wire-to-Board Connector Assemblies & Housings(32)

Customers Also Bought



TE Part #5-2176378-4
RQ 0805 35R7 0.1% 10PPM 5K RL



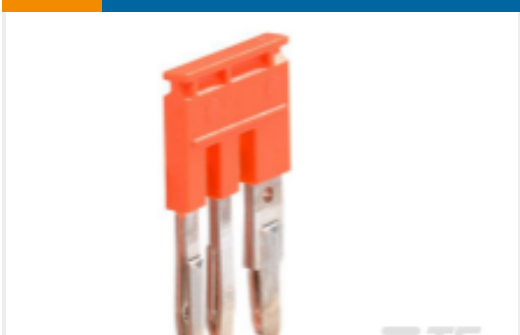
TE Part #227715-3
BNC SOLDER RECEPT JACK



TE Part #1-87159-0
10 MODI CRMP S-I HSG SR .156CL



TE Part #1SNK705065R0000
ZK2.5-WH



TE Part #1SNK900603R0000
JB85-3



TE Part #1-87633-0
10 MODI HDR SRST .156CL



TE Part #87633-6
06 MODI HDR SRST .156CL



TE Part #1825268-1
MSS4300R04=4P3T SL SW R/A AG

Documents

Product Drawings

08 MODI HDR SRST .156CL

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU HEADER ASSEMBLIES (WITH MOD I POSTS)

English