

TE Internal #: 87633-5

PCB Mount Header, Vertical, Board-to-Board, 5 Position, 3.96 mm [.156 in] Centerline, Breakaway, Gold (Au), Through Hole - Solder, AMPMODU MOD 1

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **5**

Number of Rows: **1**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	5
Number of Rows	1
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

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



Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	5 A
Contact Mating Area Plating Material Thickness	.381 μm[15 μin]

Termination Features

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

Mechanical Attachment

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

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	125
Packaging Method	Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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	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 # 87986-5
05 MOD1 BDMNT RCPT SR .156CL

TE Part # 87988-5
05 MOD1 BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1

Board-to-Board Headers & Receptacles(81)

Board-to-Board Jumpers & Shunts(1)

Connector Contacts(41)

Connector Hardware(2)



[Power Contacts\(1\)](#)

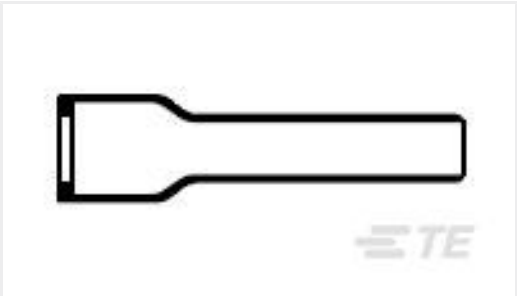


[Rectangular Connector Housings\(8\)](#)



[Rectangular Power Connectors\(16\)](#)

Customers Also Bought



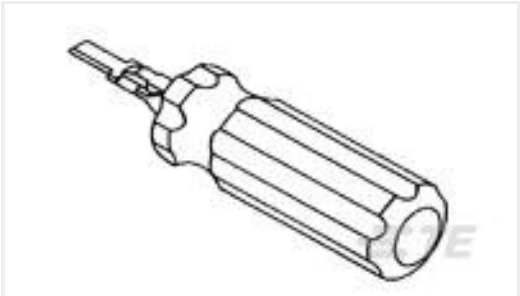
TE Part #814526-000
[202D242-4-88-0](#)



TE Part #A22867-000
[BND-1225-S](#)



TE Part #87633-4
[04 MODI HDR SRST .156CL](#)



TE Part #90471-1
[EXTRACTION TOOL, SC-156](#)



TE Part #322367
[DG 22-16COM22-18MIL HR R 1/4](#)



TE Part #535090-4
[096 EURO TYPE C RECEPT ST ASSY](#)



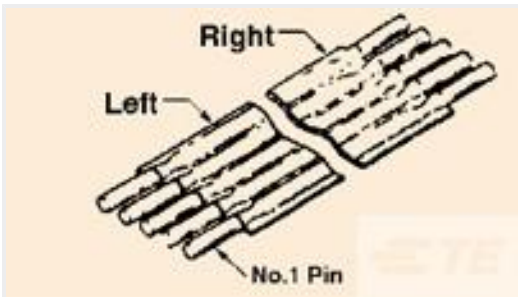
TE Part #747844-6
[09 MSFL RCPT RA 318 \(SL,FM,BL\)](#)



TE Part #1218124-1
[9 POS,ASSY,PLUG,LOW PROF,109](#)



TE Part #8-2176091-9
[RP 2A 0.25W 499R 0.1% 25PPM 1K RL](#)



TE Part #2-1437186-5
[FST-21A-11](#)

Documents

Product Drawings

[05 MODI HDR SRST .156CL](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English



[Interconnection System, AMPMODU Mod I, High Pressure](#)

English

[Interconnection System, AMPMODU Mod I, High Pressure](#)

Japanese

[Product Specification](#)

Japanese

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English

[AMPMODU HEADER ASSEMBLIES \(WITH MOD I POSTS\)](#)

English