

87632-5 ✓ ACTIVE

AMPMODU | AMPMODU MOD 1

TE Internal #: 87632-5

PCB Mount Header, Right Angle, Board-to-Board, 5 Position, 3.96 mm [.156 in] Centerline, Unshrouded, 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	Unshrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	5
Number of Rows	1
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Perpendicular

Body Features

Primary Product Color	Black
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Contact Features

	15 µin
Contact Underplating Material	Nickel
Mating Tab Width	1.58 mm[.062 in]
Contact Mating Area Length	8.76 mm[.345 in]
Contact Base Material	Brass



Mating Tab Thickness	.79 mm[.031 in]
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Contact Mating Area Plating Material	Gold (Au)
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Contact Type	Pin
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Contact Current Rating (Max)	5 A
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PCB Contact Termination Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.381 μ m[15 μ in]
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Termination Features

Rectangular Termination Post & Tail Width	1.58 mm[.062 in]
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Rectangular Termination Post & Tail Thickness	.79 mm[.031 in]
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Termination Post & Tail Length	6.99 mm[.275 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Centerline (Pitch)	3.96 mm[.156 in]
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Housing Material	Nylon
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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
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Packaging Method	Carton
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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	有害物质含量符合标准要求 No Restricted Substance(s) 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

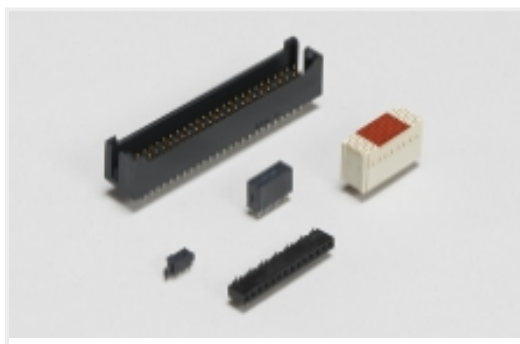
Product Compliance Disclaimer

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>

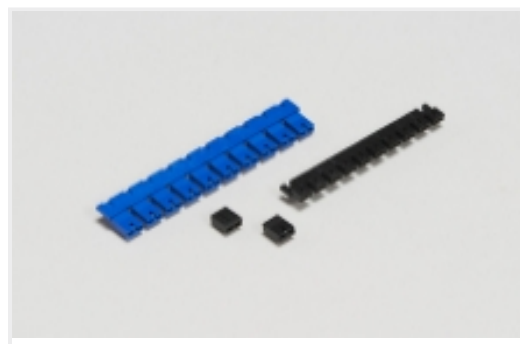
Compatible Parts



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 #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



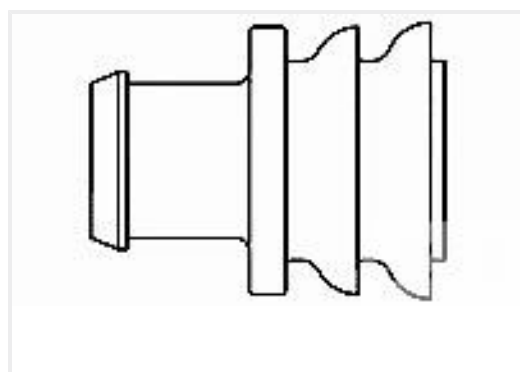
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

[Product Drawings](#)
[05 MODI HDR SRRA .156CL](#)

English

[Product Specifications](#)
[Product Specification](#)

English