

3-1734507-6 ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

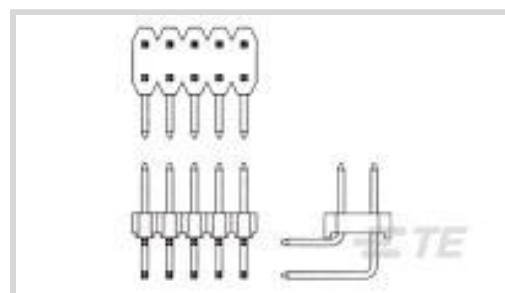
TE Internal #: 3-1734507-6

PCB Mount Header, Right Angle, Board-to-Board, 36 Position, 2 mm [.079 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, AMPMODU 2 mm

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **36**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	36
Number of Rows	2
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	4 mm [.158 in]
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Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μ m
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.25 μ m[10 μ in]
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Post & Tail Length	2.6 mm[.102 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Loose Piece
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Other

Position Locations Omitted	0
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2017 (173) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

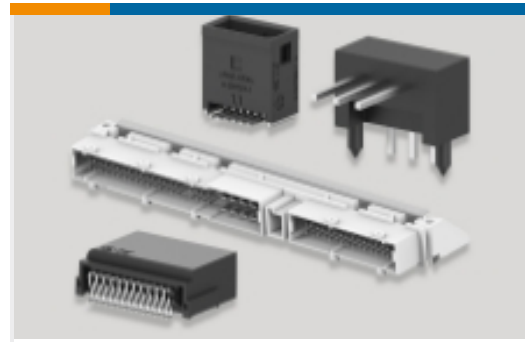
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | AMPMODU 2 mm

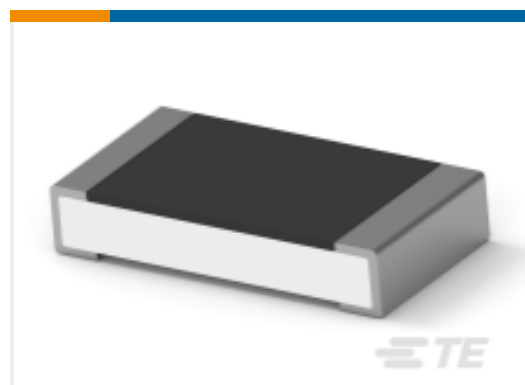
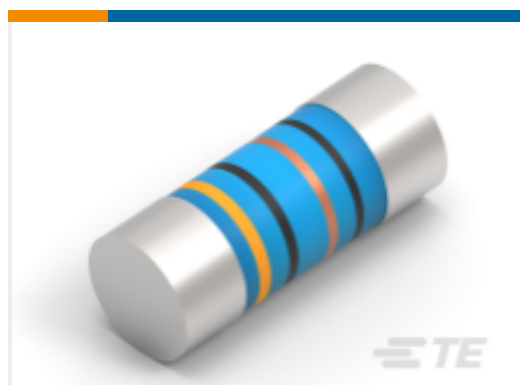


PCB Headers & Receptacles(10404)

Wire-to-Board Connector Assemblies
& Housings(202)

Wire-to-Board Connector Contacts(27)

Customers Also Bought

TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RLTE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102
0.3WTE Part #1-1825006-9
GDS10S04=DIP SW,SLIDE,SMTTE Part #1-928836-2
MOD2 PIN WITH A-PIN L/PTE Part #7-2176246-6
CRGS2512 5% 1M8TE Part #3-1415020-1
PT570N20TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents

Product Drawings

HDR, 2mm pitch, 36P, R/A, MT, 8u" AU

English

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1734507-6_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-1734507-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1734507-6_B.3d_stp.zip](#)



English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

English