9-1734506-8 ✔ ACTIVE

AMPMODU | AMPMODU 2 mm

TE Internal #: 9-1734506-8

AMPMODU 2 mm, PCB Mount Receptacle, Vertical, Board-to-Board, 50 Position, 2mm [.079in] Centerline, Gold, Printed Circuit Board

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **50**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

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

Configuration Features

Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	50
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	650 VAC
Operating Voltage	250 VAC

Contact Features

Contact Protection Type	Closed Entry Housing
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm
PCB Contact Termination Area Plating Material Finish	Matte

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.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

Mating Entry Location	Top
Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	90
Packaging Method	Box & Tray, Tray

Other

Position Locations Omitted	0

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 2021 (211) 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



TE Part # 4-1734506-7
RCPT, 2.0MM, 48P,VRT MT, 8 Au", 2.6 ST



TE Part # 4-1734506-8
RCPT, 2.0MM, 50P,VRT MT, 8 Au", 2.6 ST

Also in the Series | AMPMODU 2 mm

Board-to-Board Headers & Receptacles(7246)

Compression Headers & Receptacles(1)

Ribbon Connector Accessories(1)

Wire-to-Board Connector Assemblies & Housings(109)



Wire-to-Board Connector Contacts(27)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought

TE Part #1558666-6
PCB Power Relay: 30 amp, Monostable DC

TE Part #2-2329328-0
PB OFF/ON HC BLU M4 TERM. IP68

TE Part #2329359-9
PB ON/OFF HC GRE M1 TERM IP68 500MM LHS

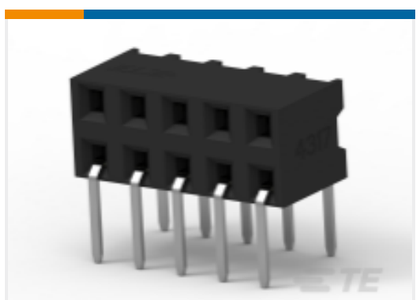
TE Part #1625888-2
2W STD M/OX 5% 180R



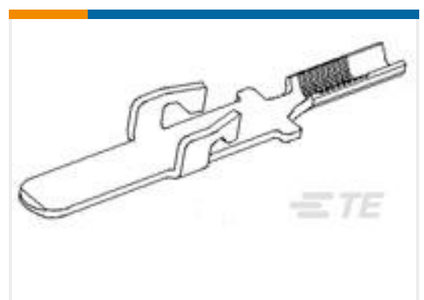
TE Part #3-2176416-6
9W STD M/OX 5% 1K5



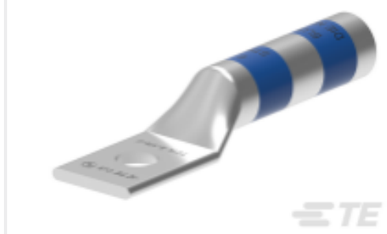
TE Part #3-2176459-3
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



TE Part #1-2314916-0
10P,2MM,B-B,REC,DRHZ,2.1,0.1AU,TB



TE Part #1217072-1
CONT AMVAR 125 BLADE 020 TPBR



TE Part #EN3750-475
TCTL-1-5/16-U

Documents

Product Drawings

RCPT, 2.0MM, 50P,VRT MT, 30 Au", 2.6ST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1734506-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1734506-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1734506-8_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English

Product Specifications

Product Specification

English