4-1470209-5 ✔ ACTIVE

AMPMODU | AMPMODU 2 mm

TE Internal #: 4-1470209-5

PCB Mount Receptacle, Vertical, Board-to-Board, 44 Position, 2 mm [.079 in] Centerline, Gold, Through Hole - Solder, Signal, Black, AMPMODU 2 mm

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Connectors > PCB Connectors > PCB Headers & Receptacles







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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **44**

Number of Rows: **2**

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

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	44
Number of Rows	2
Board-to-Board Configuration	Parallel

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
	100 µin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.203 µm[8 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

Centerline (Pitch)	2 mm[.079 in]
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

Compatible With Approved Standards Products	CSA LR7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box, Tray

Other

Position Locations Omitted	0

Product Compliance

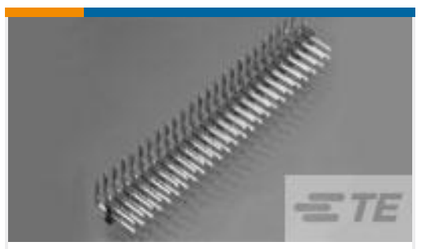
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

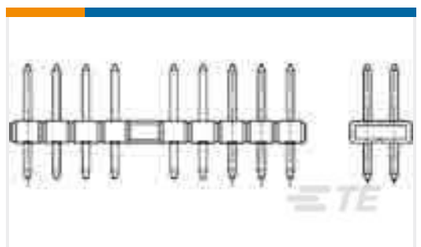
Product Compliance Disclaimer

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

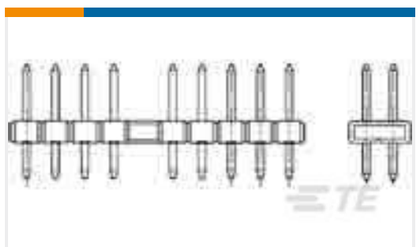
Compatible Parts



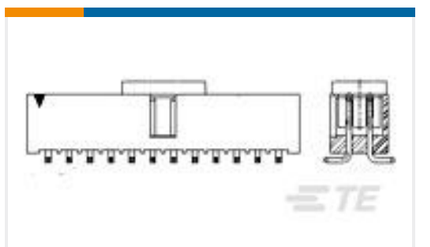
TE Part # 2-5176837-1
44 AMPMODU 2MM, H, AU, LF



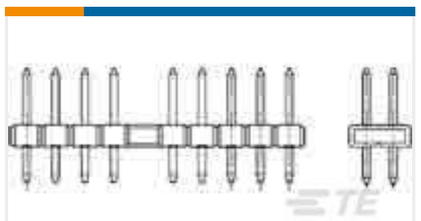
TE Part # 4-5176264-5
44 AMPMODU 2MM DR VERT MNT LF



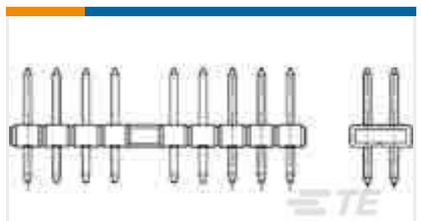
TE Part # 3-5176264-6
44 AMPMODU 2MM DR VERT MNT LF



TE Part # 4-1775144-4
BOX HDR 2.0 PTH VT DR 44 POST



TE Part # 2-5178751-1
AMPMODU 2MM HDR V-TYPE ASSY

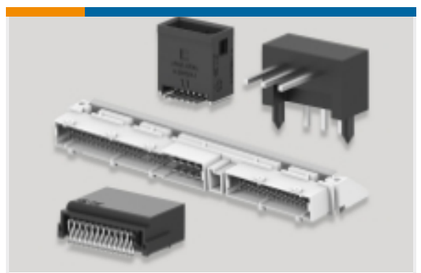


TE Part # 4-5178751-5
AMPMODU 2MM HDR V-TYPE ASSY

Also in the Series | AMPMODU 2 mm



Connector Contacts(27)

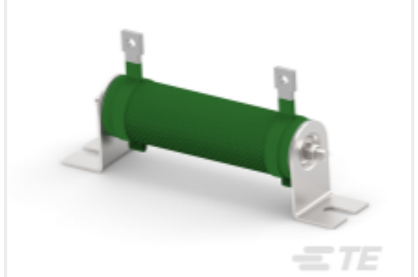


PCB Headers & Receptacles(10387)



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

Customers Also Bought



TE Part # 1879455-7
Wirewound Resistor: Mineral, 2.5 Kw



TE Part # 2-1879074-5
THS15 68R 5%



TE Part # 1825027-5
FSMRA2JH04=R/A,TACT PB SW,160G



TE Part # 2-1393480-1
V23529B1121C209=SUB D STIFTLEI

TE Part # 11016672-00
CHPG-GOLDCHIP

TE Part # 11024428-00
CHPG-GOLDCHIP

Documents

Product Drawings

RCPT,2MM,44P,VRT MT,8AU,2.6ST

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-1470209-5_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1470209-5_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1470209-5_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4

English

Product Specifications

Product Specification

English

Agency Approvals

CSA Certificate

English