2-1734516-0 ✔ ACTIVE

AMPMODU | AMPMODU 2 mm

TE Internal #: 2-1734516-0

AMPMODU 2 mm, PCB Mount Receptacle, Vertical, Board-to-Board, 20 Position, 2mm [.079in] Centerline, Gold, Printed Circuit Board

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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: **20**

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
Stackable	Yes
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	20
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
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 Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	5.2 mm
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

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Method	Tape Mounted on Reel

Other

Position Locations Omitted	0
Comment	700 pieces on a 33cm dia. reel., Rectangular alignment posts on end of housing.

Product Compliance

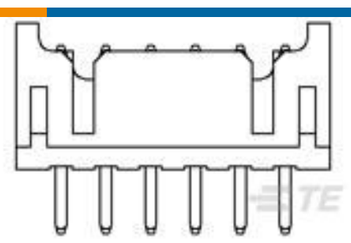
For compliance documentation, visit the product page on TE.com>

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 2021 (211) 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	Reflow solder capable to 245°C

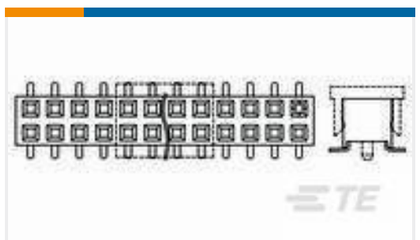
Product Compliance Disclaimer

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 # 2-1470109-0
2.0mm Pitch Header,Dip 20p



TE Part # 2271007-2
SMT Rec. ASSY, 2.00mm Pitch, 30 Pos.

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 #1658670-4
D-Sub Connector Contacts: Pin, Brass, Signal, Size 22

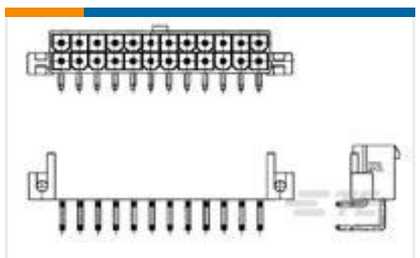
TE Part #1-2040832-4
0.25mm FPC Connectors

TE Part #1-1734595-2
AMP HPI 1.0MM HEADERS

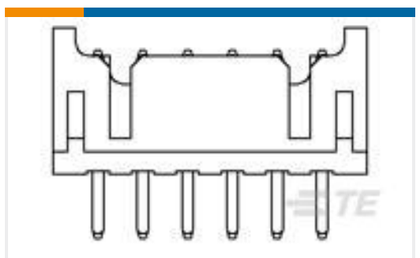
TE Part #1-1825027-1
FSMRA4JH04=R/A,TACT PB SW,160G



TE Part #9-1879354-6
RR03 5% 3K0 AMMO



TE Part #1-1586044-8
18P VAL-U-LOK R/A HDR SCRMT V0



TE Part #1470109-6
2.0mm Pitch Header,Dip 6p



TE Part #1-1649329-5
RT424024



TE Part #1393236-7
V23092-A1012-A301

TE Part #1-1825027-2
FSMRA4JHA04=R/A,TACT PB SW,260

Documents

Product Drawings

RCPT, 2MM, 20P, VRT SMT, 30Au", LOCK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_2-1734516-0_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_2-1734516-0_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_2-1734516-0_A1.2d_dxf.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