6376611-1 ✔ ACTIVE

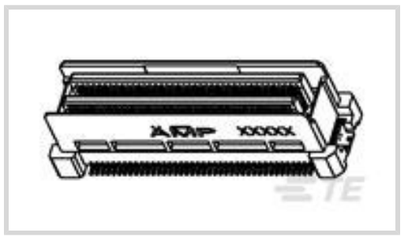
AMPMODU | Micro Stack

TE Internal #: 6376611-1

Micro Stack, PCB Mount Header, Vertical, Board-to-Board, 80 Position, .6mm [.023in] Centerline, Partially Shrouded, 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 Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **80**

Centerline (Pitch): **.6 mm [.023 in]**

Features

Product Type Features

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

Configuration Features

Number of Rows	2
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	80
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	10 VAC

Contact Features

PCB Contact Termination Area Plating Material Thickness	.3 µm[31.5 µin]
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold

Contact Mating Area Plating Material Thickness	.3 µm
Contact Type	Pin
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	1 mm[.04 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Solder Peg
PCB Mount Retention Type	Solder Peg
Mating Alignment	With
Mating Alignment Type	Chamfered Edges
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	.6 mm[.023 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Connector Height	6.75 mm[.265 in]
Row-to-Row Spacing	2.8 mm[.11 in]
PCB Thickness (Recommended)	1.6 mm

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	45

Packaging Method	Tray

Product Compliance

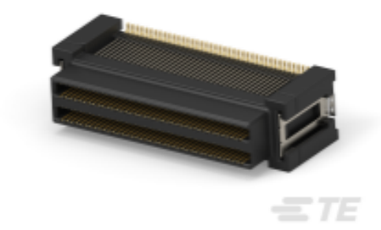
For compliance documentation, visit the product page on TE.com>

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 260°C

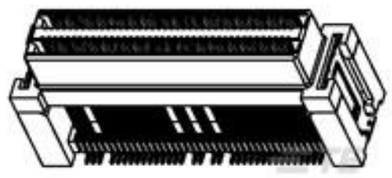
Product Compliance Disclaimer

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

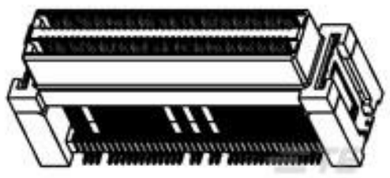
Compatible Parts



TE Part # 6376608-1
MICRO STACK REC ASSY 80P

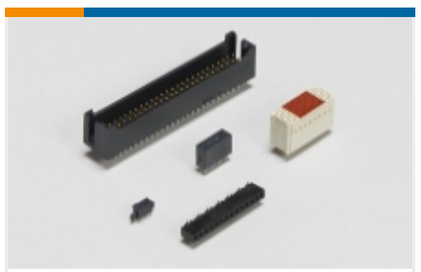


TE Part # 6376608-2
MICRO STACK REC ASSY 80P WITH TAPE



TE Part # 6473201-1
MICRO STACK REC ASSY 68P

Also in the Series | Micro Stack



Board-to-Board Headers & Receptacles(13)

Customers Also Bought



TE Part #1-292161-5
CT 2mm Post Header Assy w/Kink - Vert.



TE Part #1-178141-5
DYNAMIC 3100 HDR ASSY



TE Part #1-1903328-4
DYNAMIC 4000 HDR ASSY



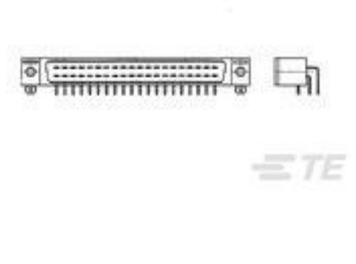
TE Part #1-178216-2
DYNAMIC 3400F HDR ASSY



TE Part #1-2040586-1
DYNAMIC 4000 REC AND TAB CONT



TE Part #1-2331743-4
DYNAMIC 3950 ASSY



TE Part #900413-1
PC I/O RETENTION LEG ASSY 40P



TE Part #1-2229803-2
D3950 HDR 7/11POS 1ROW Y KEY



TE Part #1-2289080-1
D3950 REC 11POS 1ROW X KEY



TE Part #1-2232784-2
GIC 7.92MM CONN HDR ASS'Y 2POS RED

Documents

Product Drawings

MICRO STACK HDR ASSY 80P H=6.75

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6376611-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6376611-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6376611-1_G.3d_stp.zip

English

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

Product Specifications

Product Specification

Japanese