



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **80**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

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

Electrical Characteristics

Operating Voltage	10 VAC
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.3 µm[31.5 µin]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.3 µm
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Width	1 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Solder Peg
PCB Mount Alignment Type	Solder Peg
Mating Alignment Type	Chamfered Edges
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	.6 mm[.023 in]
Housing Material	LCP

Dimensions

Connector Width	7.6 mm[2.99 in]
Connector Height	13.6 mm[.535 in]
Connector Length	30.4 mm[1.196 in]
PCB Thickness (Recommended)	1.6 mm

Usage Conditions



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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	360
Packaging Method	Tray

Product Compliance

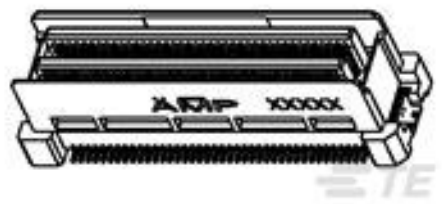
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

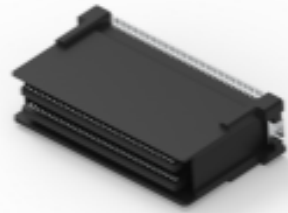
Product Compliance Disclaimer

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



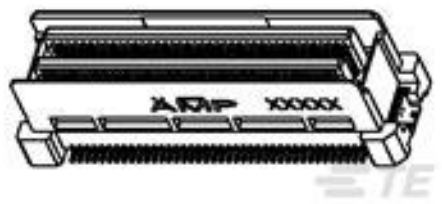
TE Part # 6376611-1
MICRO STACK HDR ASSY 80P H=6.75



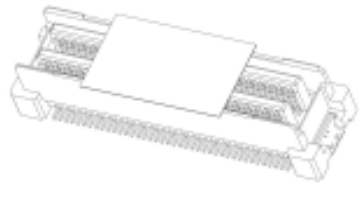
TE Part # 1554218-1
MICRO STACK HDR ASSY 80P H=16



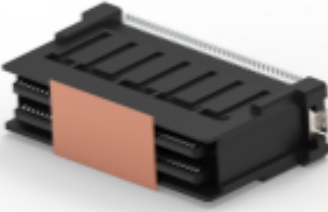
TE Part # 1554218-2
MICRO STACK HDR ASSY 80P H=16 WITH TAPE



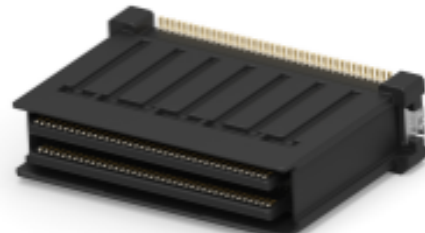
TE Part # 6376610-1
MICRO STACK HDR ASSY 80P H=9



TE Part # 6376611-2
MICRO STACK HDR ASSY 80P H6.75



TE Part # 1-1554218-3
MICRO STACK HDR ASSY 80P H=16 WITH TAPE

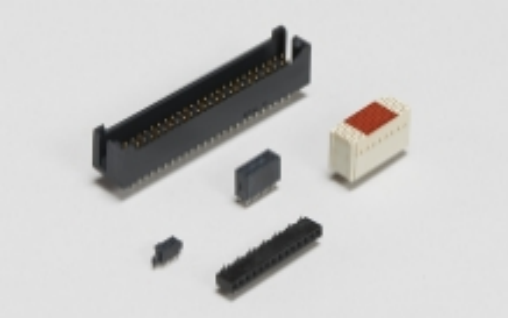


TE Part # 6376609-1
MICRO STACK HDR ASSY 80P H=20

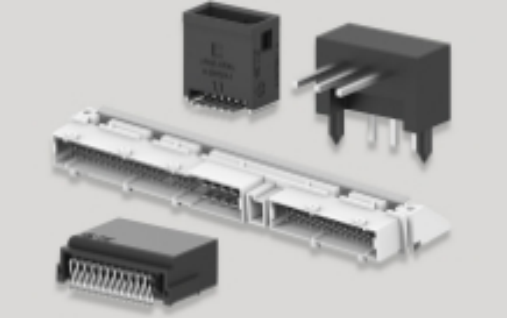


TE Part # 6376610-2
MICRO STACK HDR ASSY 80P H=9 WITH TAPE

Also in the Series | **Micro Stack**



Board-to-Board Headers & Receptacles(12)

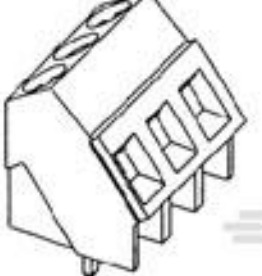


PCB Headers & Receptacles(12)

Customers Also Bought



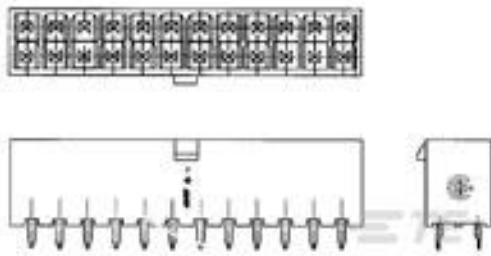
TE Part #4-794618-4
14P MICRO MNL ASSY R/A HDR LF



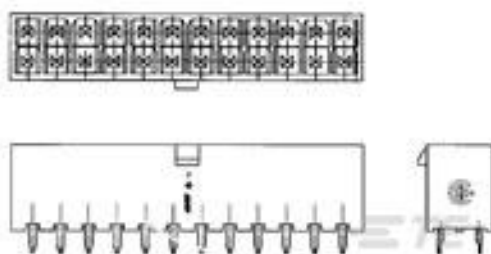
TE Part #796690-2
TERMI-BLOK PCB MOUNT 2P



TE Part #1376137-1
DYNAMIC D2100 HDR H ASSY 20P X



TE Part #1586038-2
2P VRT HDR VAL-U-LOK V0



TE Part #1586038-4
4P VRT HDR VAL-U-LOK V0



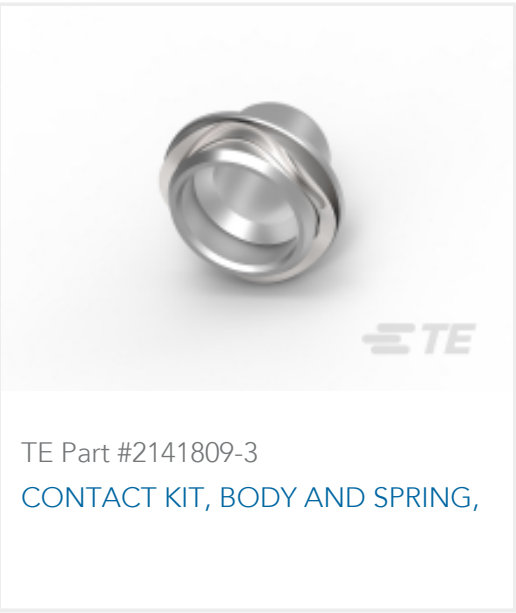
TE Part #1-1649329-3
RT424012



TE Part #1-1827581-4
DYNAMIC 1500T HDR ASSY V 12PX BLACK GOLD



TE Part #2294415-1
INDUSTRIAL MINI I/O HDR TYPE I TRAY



Documents

Product Drawings

MICRO STACK REC ASSY 80P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6376608-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6376608-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6376608-1_L.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