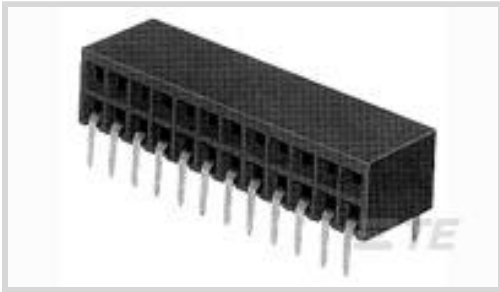




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Centerline (Pitch): **2.54 mm [.1 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
PCB Mount Orientation	Right Angle
Number of Positions	4

Body Features

Connector Profile	Standard
-------------------	----------

Contact Features

Contact Protection Type	Closed Entry Housing
Mating Square Post Dimension	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Mating Pin Diameter	.63 mm[.024 in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Termination Post & Tail Length	3.2 mm[.126 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	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester - GF

Dimensions

Connector Height	5.8 mm[.228 in]
Row-to-Row Spacing	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
-----------------------------	----------------------------

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------



Packaging Features

Packaging Quantity	210
Packaging Method	Box

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # 1241050-4 2x4P MOD II BREAK AWAY HDR,SMD, BLISTER	TE Part # 826632-4 4P AMPMODU II PIN HDR.	TE Part # 826656-4 4P AMPMODU II STIFT LEI	TE Part # 826634-4 AMPMODU MOD II PIN HEADER



TE Part # 826664-4
4P MOD2 STIFT LEI



TE Part # 826658-4
4P AMPMODU II STIFT LEI




TE Part # 826662-4
4P AMPMODU II STIFT LEI



TE Part # 966269-4
2x4P MOD II BREAK AWAY HDR,SMD, TUBE PKG




TE Part # 966709-4
2X4P MODU II BREAK AWAY HEADER, SMD



TE Part # 826657-4
4P MOD2 STIFT LEI

Also in the Series | AMPMODU HV-100/HV-190



Board-to-Board Headers & Receptacles(347)

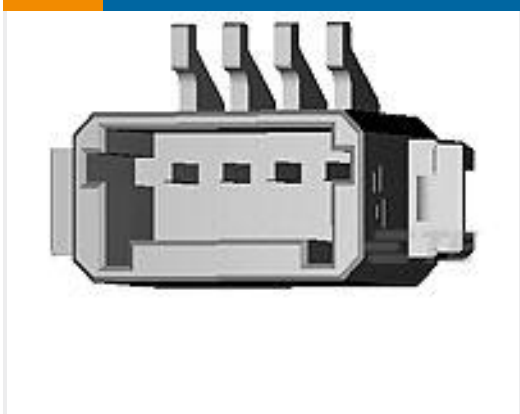
Customers Also Bought



TE Part #2-1437565-7
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Part #1437565-5
FSM103=12MM,TACTILE,PB SWITCH



TE Part #2106091-3
4 pos Inverted Thru Board SMT Header



TE Part #2-1879021-5
SMW3 1R0 5%



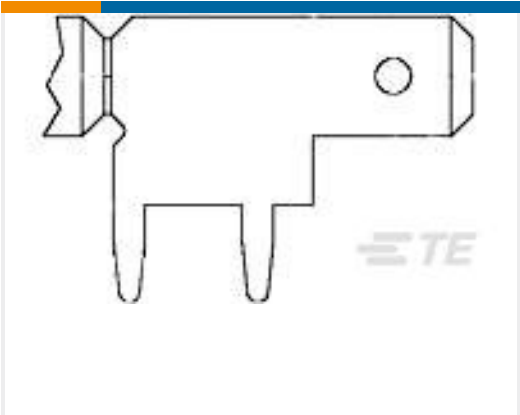
TE Part #2118651-6
RF CA,UMCC GEN1-GEN1,1.13,L90, GREY



TE Part #2-2176397-4
3502 9R1 1%



TE Part #9-2176404-7
3550 150R 5%



TE Part #1217062-1
187 FASTON,FLAG,PCB TAB,TNBR



Documents

Product Drawings

2X 4P HV190FEDERLEI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_216604-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_216604-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_216604-4_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Environmental Compliance

TE Material Declaration

English