

2169797-4  ACTIVE

IMPACT Power

TE Internal #: 2169797-4

Backplane Power Connectors, PCB Mount Header, Board-to-Board, 4 Position, Right Angle, Orthogonal, 5.2 mm [.204 in] Centerline, IMPACT Power

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Connectors > Power Connectors > Backplane Power Connectors



PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **4**

PCB Mount Orientation: **Right Angle**

Backplane Architecture: **Orthogonal**

Features

Product Type Features

Header Type	Fully Shrouded
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Columns	2
Number of Positions	4
PCB Mount Orientation	Right Angle
Backplane Architecture	Orthogonal
Stackable	No

Electrical Characteristics

Operating Voltage	48 VDC
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Contact Features

Contact Current Rating (Max)	15 A
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Termination Features

Termination Post & Tail Length	2.5 mm [.098 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type

Board Mount

Housing Features

Housing Material

LCP (Liquid Crystal Polymer)

Centerline (Pitch)

5.2 mm [.204 in]

Usage Conditions

Operating Temperature Range

-55 - 85 °C [-67 - 185 °F]

Operation/Application

Circuit Application

Power

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Package

Product ComplianceFor 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: JAN 2024

(240)

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

Not reviewed for solder process capability

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

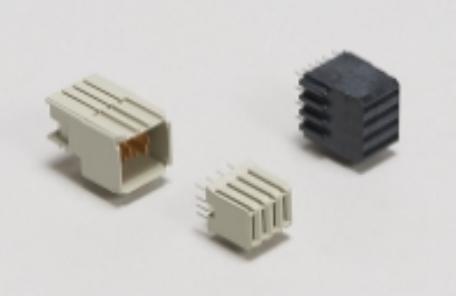
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



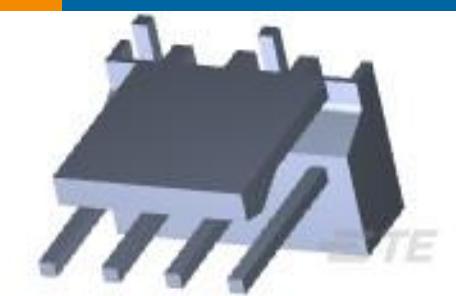
TE Part # 2169806-1
IMP, Power, 3PR, Vert, Recp, Tin

Also in the Series | IMPACT Power



Backplane Power Connectors(6)

Customers Also Bought



TE Part # 3-647166-4
4P MTA100 HDR ASSY,SM,FL,LF



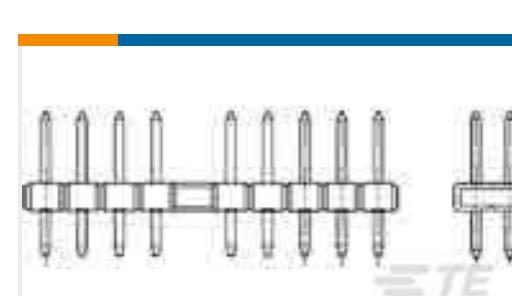
TE Part # 292336-1
Std USB Type A, Flag, T/H



TE Part # 2201778-1
MICRO SD PUSH PUSH LOW PROFILE
TYPE



TE Part # 640445-5
05P MTA156 HDR ASSY FL/STR SN



TE Part # 5176264-6
AMPMODU 2MM V 14P AU:0.2 BLACK
LF



TE Part # 1565917-4
EMBOSSED ASSY DDR2 SODIMM
SOCKET 200P 5.2H



TE Part # 6-146254-0
20 MODII HDR DRST B/A .100CL

Documents

Product Drawings

IMP,Power,3PR,R/A,Hdr,5.7,6.9Tin

English

CAD Files**Customer View Model**[ENG_CVM_CVM_2169797-4_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model[ENG_CVM_CVM_2169797-4_A.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_2169797-4_A.3d_stp.zip](#)

English

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

English

Agency Approvals**UL**

English