2180851-4 ✔ ACTIVE

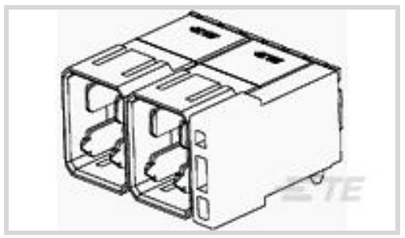
IMPACT Power

TE Internal #: 2180851-4

4 Position Backplane Power Connector, PCB Mount Header, Board-to-Board, Right Angle, Orthogonal, 5.2 mm [.205 in] Centerline, IMPACT Power

View on TE.com >

Connectors > Power Connectors > Backplane Power Connectors



PCB Connector 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

PCB Connector 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

Contact Features

Contact Current Rating (Max)	15 A

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP
Housing Color	Black
Centerline (Pitch)	5.2 mm[.205 in]

Dimensions

PCB Hole Diameter	.73 mm[.029 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

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	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

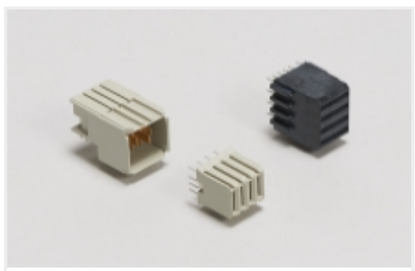
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

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 #CSS-SGAF-050-STTN
Cable SMA Jack Semi-Rigid 0.047" 50 Cut



TE Part #1982295-2
ELCON MINI 2P RA HEADER,W/O CODING



TE Part #2007304-5
HEAT SINK CLIP QSFP28



TE Part #2007722-1
IMP100S,R,RA4P16C,RG,39



TE Part #2057426-3
IMP100S,H,V2P10C,UG,OEW46,5.5



TE Part #5223961-8
UNV,PWR,MDL.HDR,R-PEGS



TE Part #5338108-9
Z-PACK SHLD.LOWER A



TE Part #5352068-9
Z-PACK/A RAF 110P



TE Part #6339447-7
RCPT ASSY,LP,SHLD,RA50,STD



TE Part #6368062-8
2X4 OFFSET STK MJ,SHLD,W/LED

Documents

Product Drawings

IMP,PWR,3PR,HDR,R-HLD,1X,797-4,N/A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2180851-4_A_c-2180851-4-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2180851-4_A_c-2180851-4-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2180851-4_A_c-2180851-4-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

Application Specification

English

Agency Approvals

UL

English