

IMPACT Power

TE Internal #: 2-2180850-0

PCB Mount Header, Board-to-Board, 8 Position, Right Angle, Orthogonal, 5.2 mm [.205 in] Centerline, IMPACT Power, Backplane

Power Connectors

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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: 8

PCB Mount Orientation: Right Angle
Backplane Architecture: Orthogonal

Termination Post & Tail Length

Termination Method to PCB

Connector Mounting Type

Mechanical Attachment

Features

Product Type Features

Froduct Type realures	
PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Columns	4
Number of Positions	8
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	

2.5 mm[.098 in]

Board Mount

Through Hole - Press-Fit



Housing Features	
Housing Material	LCP (Liquid Crystal Polymer)
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 applicable 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

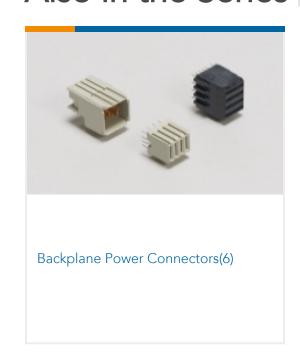


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



Also in the Series | IMPACT Power



Customers Also Bought









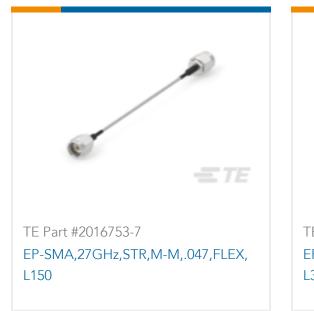














Documents

Product Drawings

IMP,PWR,3PR,HDR,L-HLD,2X,797-4,797-9

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-2180850-0_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2180850-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2180850-0_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL

English