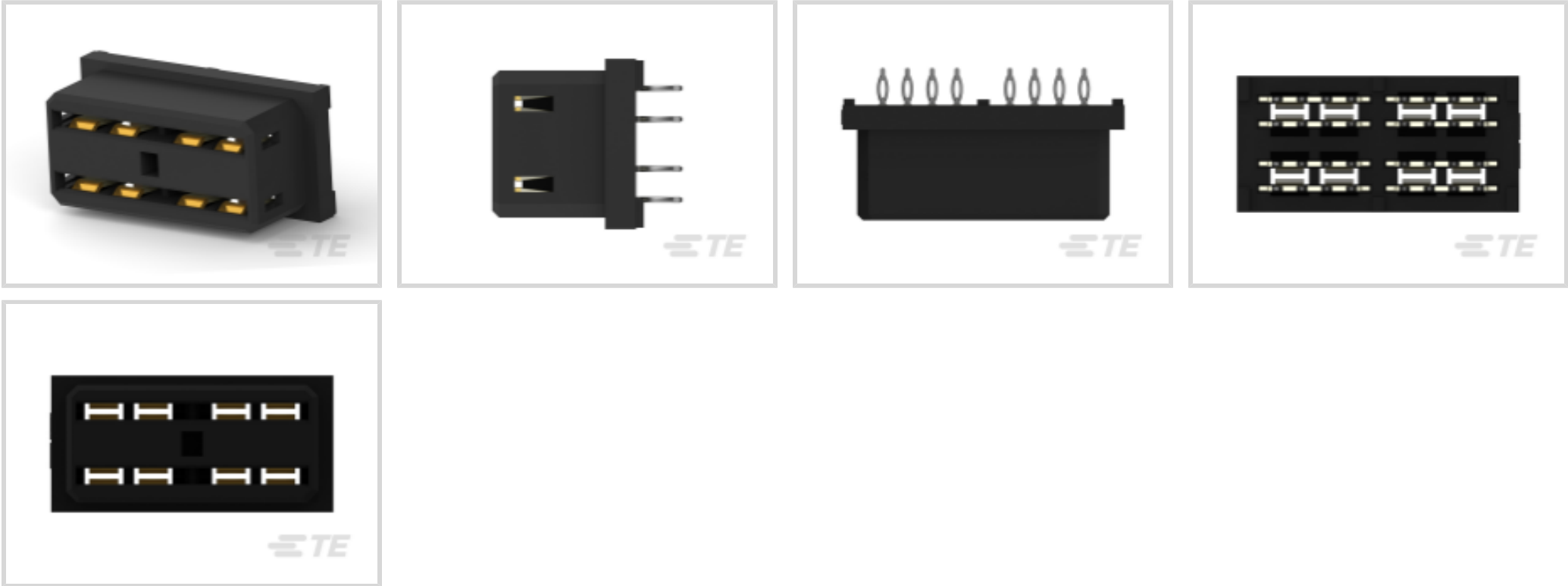




TE Internal #: 2169859-1
4 Position Backplane Power Connector, PCB Mount Receptacle,
Board-to-Board, Vertical, Orthogonal, 5.2 mm [.205 in] Centerline,
Printed Circuit Board
[View on TE.com >](#)

Connectors > Power Connectors > Backplane Power Connectors



Number of Positions: 4
PCB Connector Assembly Type: **PCB Mount Receptacle**
Connector System: **Board-to-Board**
PCB Mount Orientation: **Vertical**
Backplane Architecture: **Orthogonal**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
PCB Hole Diameter	.73 mm[.029 in]

Packaging Features

Packaging Method	Package
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Termination Features

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

Housing Features

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

Configuration Features



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

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Operating Voltage	48 VDC
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Contact Features

Contact Current Rating (Max)	25 A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 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 # 2-2169869-2
AIMP,POWER,5PR,R/AH,5.7,5.7,TIN



TE Part # 2169869-1
IMP,PWR,5PR,R/A,Hdr,6.9,6.9,Tin

Customers Also Bought



TE Part #917689-1
2.5 SIGNAL D/LOCK PLUG HSG 5P



TE Part #917683-1
2.5 SIGNAL DBL LOCK REC CONT L



TE Part #2343522-7
SFP56 STACKED 2X2 RECEPTACLE ASSEMBLY



TE Part #2132781-4
04P EP-II HOUSING, NATURAL



TE Part #1-2132782-2
12 pos. EP II breakaway retain



TE Part #485043-1
SPLICE 4000-9000 .020 BR



TE Part #917701-1
2.5 SIGNAL DBL LOCK DLP 5P



TE Part #61795-3
RING 18-14 AWG TPBR



TE Part #521632-2
ULTRA-POD 250 ASSY REC 18-14
AWG TPBR



TE Part #1-84533-6
1.25MM FFC POST PLATED H 16P

Documents

Product Drawings

IMP,Power,5PR,VR,Tin

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2169859-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2169859-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2169859-1_A.3d_stp.zip

English

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

Agency Approvals

UL

English