

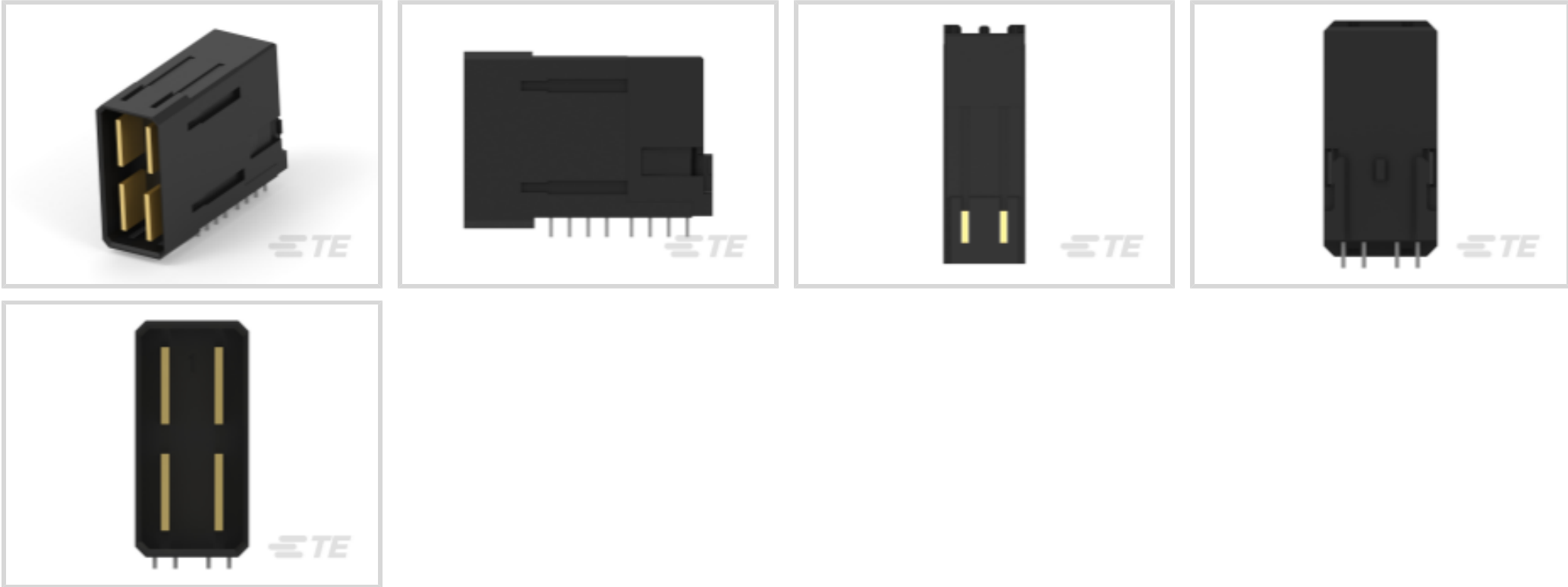


TE Internal #: 2-2169869-2

PCB Mount Header, Board-to-Board, 4 Position, Right Angle, Orthogonal, 5.2 mm [.205 in] Centerline, Printed Circuit Board, 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: **4**

PCB Mount Orientation: **Right Angle**

Backplane Architecture: **Orthogonal**

Features

Product Type Features

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)	25 A
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Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

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

Usage Conditions

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

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2169859-1  
IMP,Power,5PR,VR,Tin

Customers Also Bought

TE Part #2170262-2  
SFP+ 1X1 HEAT SINK, SPECIAL TYPE

TE Part #2169678-6  
SFP+ assy 2x5 Gasket Inner LP Sn

TE Part #2007821-2  
IMP100S,H,V4P10C,UG,LEW39,4.9

TE Part #2018849-1  
ASSY, SEATING TL, 6 ROW, 6 COL

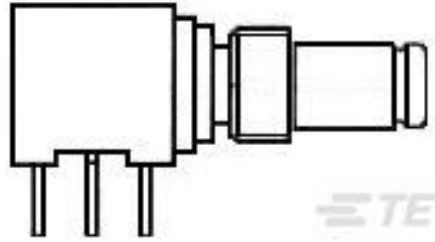
TE Part #2018855-1  
ASSY, SEATING TL, 4 ROW, 8 COL

TE Part #2170207-4  
1X6 QSFP ASSEMBLY THRU BZL W/4 PORT LP

TE Part #5176374-2  
AMP FH CONN REC V 60P (H=14)

TE Part #5787885-1  
200 CMP DCK RA PLG INV SHL 3.4





TE Part #1460060-1

1.0/2.3 R/A PCB JACK, 50 OHM



TE Part #2149977-2

IMP100S,H,V4P6C,UG,REW39,4.9

Documents

Product Drawings

AIMP,POWER,5PR,R/AH,5.7,5.7,TIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-2169869-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2169869-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2169869-2\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English