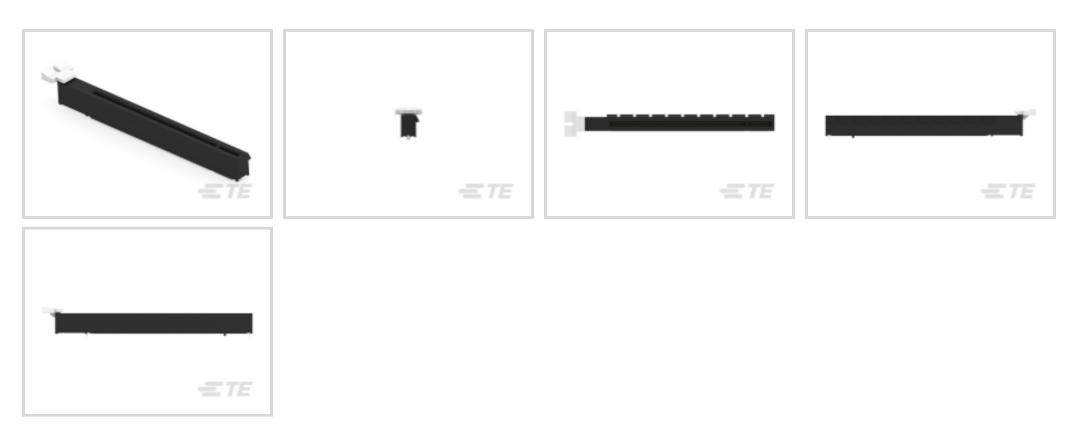
4-2371438-8 - ACTIVE

TE Internal #: 4-2371438-8 Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical, Black, Ejector, Height 15.2 mm [.598 in], PCI & PCI Express Connectors

View on TE.com >



Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



Connector System: Board-to-Board

Number of Positions: 164

PCI Generation: 5

Centerline (Pitch): 1 mm [.04 in]

Termination Post & Tail Length: 1.1 mm [.043 in]

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Sealable	No
Configuration Features	
Number of Positions	164
PCB Mount Orientation	Vertical
Ejector	With
Body Features	
Primary Product Color	Black
Contact Features	
Contact Current Rating (Max)	1.1 A
	15 µin
Termination Features	
Termination Method to PCB	Surface Mount

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Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical, Black, Ejector, Height 15.2 mm [.598 in], PCI & PCI Express Connectors



Termination Post & Tail Length	1.1 mm[.043 in]
Mechanical Attachment	
PCB Mount Retention Type	Tab
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	1 mm[.04 in]
Dimensions	
Connector Height	15.2 mm[.598 in]
Connector Width	8.2 mm[.32 in]
Usage Conditions	
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Circuit Application	High Speed Data
Industry Standards	
PCI Generation	5

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

4-2371438-8

Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical, Black, Ejector, Height 15.2 mm [.598 in], PCI & PCI Express Connectors



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-onreach

Compatible Parts



Documents

Product Drawings PCIE G5 CONN, 164P, ASSY, SMT,15u,LATCH

English

CAD Files Customer View Model

ENG_CVM_CVM_4-2371438-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2371438-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_4-2371438-8_A.2d_dxf.zip

English

3D PDF

3D

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Product Specifications Application Specification

English