



TE Internal #: 1-2378762-4
Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical,
Black, Height 11.25 mm [.44 in], Width 8.2 mm [.32 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	Without

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
---------------------------	---------------



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	11.25 mm[.44 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



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 # 1-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,15", WO ML,HT	 TE Part # 2-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,30", WO ML,HT	 TE Part # 2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,GF, WO ML,HT	 TE Part # 3-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,GF, 10 ML,HT
 TE Part # 3-2371437-8 PCIE G5 CON,SMT,1.5TAB,164P,GF,F- ML,HT	 TE Part # 4-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,15", 10 ML,HT	 TE Part # 4-2371437-8 PCIE G5 CON,SMT,1.5TAB,164P,15",F- ML,HT	 TE Part # 5-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,30", 10 ML,HT
 TE Part # 5-2371437-8 PCIE G5 CON,SMT,1.5TAB,164P,30",F- ML,HT	 TE Part # 7-2371437-4 PCIE G5 CON,SMT,1.5TAB,164P,30", 10X45ML		

Documents

Product Drawings
PCIE5,SMT,1.9TABX3,164P,15",WO ML,HT
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-2378762-4_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2378762-4_A.3d_stp.zip
English

1-2378762-4

Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical, Black, Height 11.25 mm [.44 in], Width 8.2 mm [.32 in], PCI & PCI Express Connectors



Customer View Model

[ENG_CVM_CVM_1-2378762-4_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

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

Product Specifications

[Application Specification](#)

English