



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

Connector System: **Board-to-Board**  
 Number of Positions: **98**  
 Centerline (Pitch): **1 mm [ .039 in ]**  
 Termination Post & Tail Length: **2.3 mm [ .091 in ]**  
 Contact Mating Area Plating Material Thickness: **[ 15 µin ]**

## Features

### Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of PCB Mount Retention Features	2
Number of Positions	98
PCB Mount Orientation	Right Angle
Ejector	Without

### Electrical Characteristics

Operating Voltage	50 VAC
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### Body Features

Product Weight	21.302 g
Primary Product Color	Black

### Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
	15 µin
Contact Current Rating (Max)	1.1 A

### Termination Features



Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post & Tail Length	2.3 mm[.091 in]
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	High Temperature Nylon
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Centerline (Pitch)	1 mm[.039 in]
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### Dimensions

PCB Thickness (Accepted)	1.57 mm[.062 in]
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Connector Height	9.4 mm[.37 in]
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Connector Width	19.6 mm[.772 in]
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### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Bus Type	PCI Express
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### Packaging Features

Packaging Quantity	50
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Packaging Method	Box & Tray
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability

Wave solder capable to 265°C

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 # 5-2337939-4  
PCIE GEN4 CON,SMT,164POS,30u",  
MYLAR,HT

TE Part # 1734774-1  
PCI EXP 3.1L 36 POS WHT G/F

### Customers Also Bought

TE Part #T4130012031-000  
M12,REAR MOUNT,MALE,A,3P,  
SOLDER WIRE

TE Part #3-5353652-6  
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes

TE Part #5-1618388-8  
LEV200A6NAA=RELAY, SPST-NO

TE Part #4-2337939-7  
PCIE GEN4 CON,SMT,98POS,15u",  
MYLAR,HT

TE Part #59824-1  
TETRA-CRIMP PIDG PG FASTON 22-  
10 ASSY

### Documents

**Product Drawings**

PCI Express RA assy 5.8mm slot 2.3mm pc



English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1761465-3\\_C.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1761465-3\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1761465-3\\_C.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[4-1773442-7 Card Edge Connector for PCI Express Applications](#)

English

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**Product Specifications**

[Product Specification](#)

English