

2-1761465-2 ✓ ACTIVE

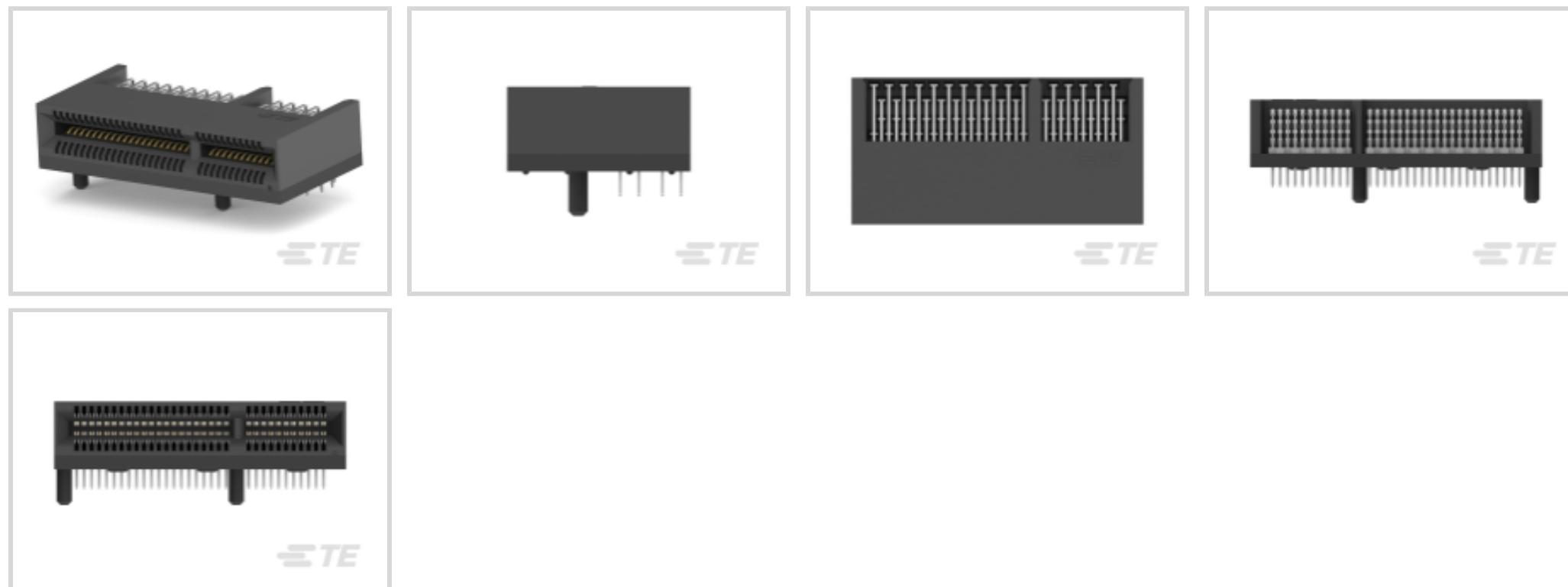
TE Internal #: 2-1761465-2

Board-to-Board, 64 Position, 1 mm [.039 in] Centerline, Right Angle,  
Black, Height 9.4 mm [.37 in], PCI & PCI Express Connectors

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



Connector System: **Board-to-Board**

Number of Positions: **64**

Centerline (Pitch): **1 mm [.039 in]**

Termination Post & Tail Length: **2.3 mm [.091 in]**

Contact Mating Area Plating Material Thickness: **[ 15  $\mu$ in ]**

## Features

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Electrical Characteristics

Operating Voltage	50 VAC
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### Industry Standards

Bus Type	PCI Express
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### Packaging Features

Packaging Method	Package, Box & Tray
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Packaging Quantity	1
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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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### Body Features

Product Weight	21.302 g
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Primary Product Color	Black
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#### Contact Features

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

#### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.3 mm [.091 in]

#### Housing Features

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

#### Configuration Features

Number of PCB Mount Retention Features	2
Number of Positions	64
PCB Mount Orientation	Right Angle
Ejector	Without

#### Product Type Features

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

#### Usage Conditions

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

Circuit Application	Signal
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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](http://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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 #1-2007637-5  
SFP+ assy 2x2 EMI Sprg 4 LP Sn Enhanced



TE Part #2170704-2  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #3-1478978-1  
SMA R/A PCB SKT GB



TE Part #2170030-1  
SFP+ 1x4 w/ Ultra Low Profile LP



TE Part #6-1879208-9  
CPF 0402 6K8 0.1% 25PPM 1K RL



TE Part #2007263-1  
SFP+ 1x2 Cage Assembly



TE Part #2227302-1  
CAGE ASSY, PRESS FIT, SFP



TE Part #1676435-2  
RN 0805 7K15 0.1% 10PPM 1KRL



TE Part #2176487-1  
BMC 0805 300R 25% A Med C



TE Part #2013978-2  
Mini HDMI, RA, SMT

## Documents

### CAD Files

[3D PDF](#)

3D

### Customer View Model

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

English

### Customer View Model

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

English

### Customer View Model

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

English

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

### Datasheets & Catalog Pages

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

English

### Product Specifications

### Product Specification

English