



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



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

Number of Positions: **164**

PCI Generation: **4**

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

Contact Mating Area Plating Material Thickness: **[30 µin]**

Features

Product Type Features

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

Configuration Features

Number of Positions	164
PCB Mount Orientation	Vertical
Ejector	Without

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Copper Alloy
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	30 μin
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Contact Current Rating (Max)	1.1 A
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Retention Type	SMT Hold-Down
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	LCP With 30% G.F
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Centerline (Pitch)	1 mm [.039 in]
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Dimensions

Connector Length	89 mm [3.503 in]
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PCB Thickness (Accepted)	1.57 mm
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Connector Height	11.25 mm [.442 in]
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Connector Width	8.75 mm [.345 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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PCI Generation	4
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Packaging Features

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	
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Current ECHA Candidate List: JUNE 2023 (235)
Candidate List Declared Against: JUNE 2023 (235)
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 # 1-2372484-1
PCIEG4,SMT,STRADDLE,36POS,15u"



TE Part # 1-2372484-2
PCIEG4,SMT,STRADDLE,64POS,15u"



TE Part # 1-2372484-3
PCIEG4,SMT,STRADDLE,98POS, GOLD15u"



TE Part # 1-2372484-4
PCIEG4,SMT,STRADDLE,164POS, GOLD15u"



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



TE Part # 2-2372484-1
PCIEG4,SMT,STRADDLE,36POS,30u"



TE Part # 2-2372484-2
PCIEG4,SMT,STRADDLE,64POS,30u"



TE Part # 2-2372484-3
PCIEG4,SMT,STRADDLE,98POS, GOLD30u"




TE Part # 2-2372484-4
PCIEG4,SMT,STRADDLE,164POS,
GOLD30u"



TE Part # 2372484-1
PCIEG4,SMT,STRADDLE,36POS,G/F



TE Part # 2372484-2
PCIEG4,SMT,STRADDLE,64POS,G/F



TE Part # 2372484-3
PCIEG4,SMT,STRADDLE,98POS,G/F



TE Part # 2372484-4
PCIEG4,SMT,STRADDLE,164POS,G/F



TE Part # 3-2372484-4
PCIEG4,SMT,STRADDLE,164POS,G/F



TE Part # 4-2372484-4
PCIEG4,SMT,STRADDLE,164POS,G/F



TE Part # 5-2372484-4
PCIEG4,SMT,STRADDLE,164POS,
GOLD30u"

Customers Also Bought



TE Part #3-1355397-3
4POS MQS REC COD C



TE Part #1-2359992-7
Low Profile Slimline SAS 8X V/T REC



TE Part #2-2330552-2
ICX POINT PHM CARRIER ASSY, P4



TE Part #2331296-3
PCI-E CARD EDGE, 36 POS, 30U", T&R

TE Part #2-2204805-8
ELCON MICRO,HDR,VERTICAL DIP W
/CAP,6P

TE Part #2340321-3
ASSY STRADDLE MOUNT 168P 062
SLIVER 2.0

TE Part #4-2340321-3
ASSY STRADDLE MOUNT 168P 102
SLIVER 2.0

TE Part #7-2204746-8
ELCON MICRO,HEADER,VERTICAL
SMT,16P

TE Part #2327671-8
RECEPT ASSY, RA, 84 POS, SLIVER 2.0

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-2337939-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-2337939-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-2337939-4_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English