TE Internal #: 7-2337939-4

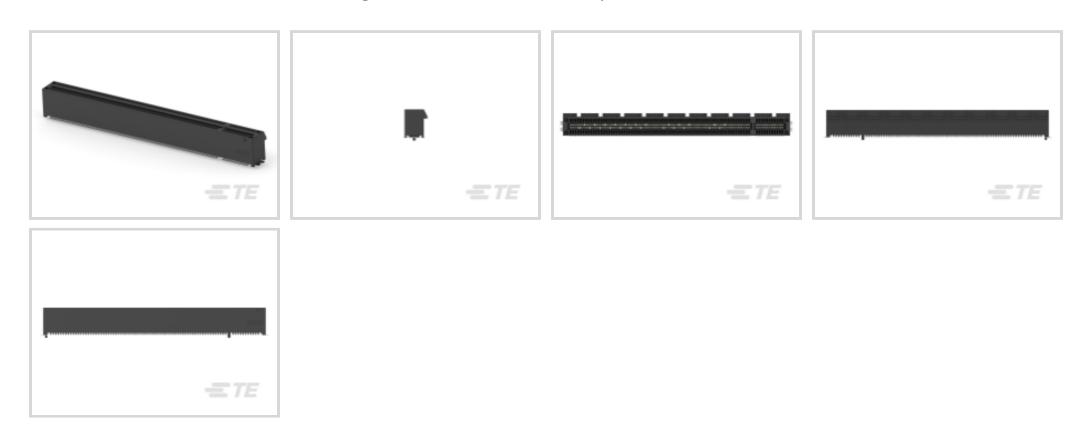
PCI & PCI Express Connectors, Board-to-Board, 164 Position, .039

in [1 mm] Centerline, Vertical, Black, Height .442 in [11.25 mm]

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: 4

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

Contact Mating Area Plating Material Thickness: [30 µin]

PCB Contact Termination Area Plating Material Thickness

PCB Contact Termination Area Plating Material Finish

PCB Contact Termination Area Plating Material

Contact Mating Area Plating Material

Contact Underplating Material

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	

2.54 μm[100 μin]

Gold

Matte

Nickel

Tin



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Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.1 A
	30 μin
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
PCB Mount Retention Type	SMT Hold-Down
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	LCP With 30% G.F
Centerline (Pitch)	1 mm[.039 in]
Dimensions	
Connector Length	89 mm[3.503 in]
PCB Thickness (Accepted)	1.57 mm
Connector Height	11.25 mm[.442 in]
Connector Width	8.75 mm[.345 in]
Usage Conditions	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Bus Type	PCI Express
PCI Generation	4
Packaging Features	
Packaging Method	Box & Tray

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: JAN 2024

(240)

Candidate List Declared Against: JAN 2024

(240)

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



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



TE Part # 2-2372484-3
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

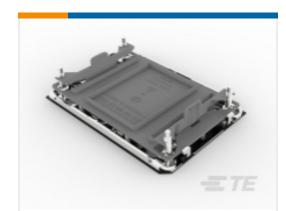


TE Part # 4-2372484-4
PCIEG4,SMT,STRADDLE,164POS,G/F

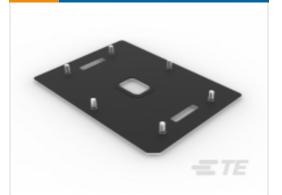


TE Part # 5-2372484-4
PCIEG4,SMT,STRADDLE,164POS,
GOLD30u"

Customers Also Bought



TE Part # 2-2330550-2 SOCKET P4 BOLSTER PLATE ASSY, W/ COVER



TE Part # 2-2330551-1 SOCKET P4/P5 BACKPLATE ASSY, STUD 6.02MM



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



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



PCI-E CARD EDGE, 36 POS, 30U", T&R

TE Part # 2391160-1
MB Lite,VERT REC, PF,4HP+40S+4HP

TE Part # 2406300-2
ICCON BLOCK 12mm SOCKET

TE Part # 2406302-1
ICCON BLOCK PIN 12mm

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

PCI & PCI Express Connectors, Board-to-Board, 164 Position, .039 in [1 mm] Centerline, Vertical, Black, Height .442 in [11.25 mm]



Customer View Model

ENG_CVM_CVM_7-2337939-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use.

Product Specifications

Product Specification

English