



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: **[15 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

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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

PCB Thickness (Accepted)	1.57 mm
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Usage Conditions

Operating Temperature Range	-40 – 85 °C
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Operation/Application

Circuit Application	Signal
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Industry Standards

Bus Type	PCI Express
PCI Generation	4

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
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 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	Reflow solder capable to 260°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

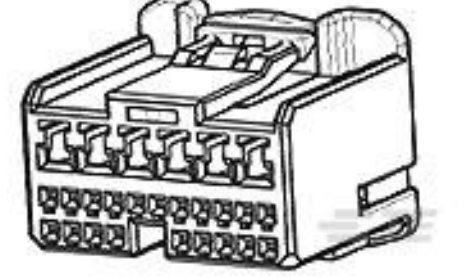


TE Part # 1734774-1
PCI EXP 3.1L 36 POS WHT G/F

Customers Also Bought



TE Part #5-5179180-5
0.8FH,R09H.5,120,08/Sn,TR,SC



TE Part #1318757-1
025/090 ECU PLUG HSG ASSY 26P



TE Part #5787962-2
.8MM CHAMP STACK RCPT ASSY



TE Part #103309-2
014 LOPRO HDR SP 30DP



TE Part #6-5353606-6
.5FHR04H,220,S,GIG,08/Sn,HT,SEYes



TE Part #2340326-1
ASSY STRADDLE MOUNT 84P 062 SLIVER 2.0



TE Part #1-1747981-1
Std HDMI, RA, SMT, Panel grd, Flange



TE Part #2327679-6
RECEPTACLE ASSY, 56 POS, VERT, GEN Z



TE Part #2354166-2
SAS/PCIE 4.0 (U.2/U.3) RECEPTACLE, 68POS



TE Part #1-2332208-2
RECEPT ASSY, RA, 56 POS, SLIVER 2.0

Documents

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_4-2337939-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2337939-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2337939-8_A.3d_stp.zip](#)

English

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

Product Specifications

[AMP EI Series, Connector](#)

Japanese

[Product Specification](#)

Japanese

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[UL Report](#)

English