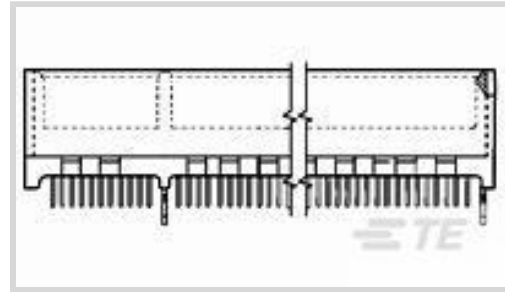


TE Internal #: 6489934-1

PCI & PCI Express Connectors, Board-to-Board, 184 Position, .05 in [1.27 mm] Centerline, Vertical, Natural, Height 15.49 mm [.61 in]

[View on TE.com >](#)

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

Connector System: **Board-to-Board**Number of Positions: **184**PCI Generation: **2**Centerline (Pitch): **1.27 mm [.05 in]**Contact Mating Area Plating Material Thickness: **[30 µin]**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Mount Retention Features	2
Number of Positions	184
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	203 VAC
-------------------	---------

Body Features

PCB Retention Feature Material	Brass
PCB Retention Feature Plating Material	Tin
Product Weight	21.302 g
Bus Width	64 Bit

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze



30 µin

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
---	---------------

Mechanical Attachment

PCB Mount Retention Type	Hold-Down Post
Connector Mounting Type	Board Mount

Housing Features

Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Natural

Dimensions

Connector Length	5.04 mm[.198 in]
PCB Thickness (Accepted)	.62 mm[.024 in]
Connector Height	15.49 mm[.61 in]
Connector Width	.35 mm[.014 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Bus Type	PCI
PCI Generation	2

Packaging Features

Packaging Quantity	32
Packaging Method	Box

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 2022
(224)

Candidate List Declared Against: JUNE
2022 (224)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Reflow solder capable to 245°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



Documents

Product Drawings

[CONNECTOR ASSEMBLY, DUAL POSITIONS, .050](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_6489934-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_6489934-1_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_6489934-1_A.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English