



TE Internal #: 2041612-7
 PCI & PCI Express Connectors, Board-to-Board, 164 Position, .039 in [1 mm] Centerline, Vertical, White, Height 11 mm [.433 in], Width 5.8 mm [.228 in]

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



Connector System: **Board-to-Board**
 Number of Positions: **164**
 Centerline (Pitch): **1 mm [.039 in]**
 Termination Post & Tail Length: **1.5 mm [.059 in]**
 Contact Mating Area Plating Material Thickness: **[100 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

Contact Features

Contact Mating Area Plating Material Thickness	100 μin
Contact Current Rating (Max)	1.1 A

Termination Features

Termination Post & Tail Length	1.5 mm[.059 in]
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	1 mm [.039 in]
Housing Color	White

Dimensions

Connector Height	11 mm [.433 in]
Connector Width	5.8 mm [.228 in]

Usage Conditions

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

Circuit Application	Signal
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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	Not Yet Reviewed
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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



Customers Also Bought



Documents

Product Drawings

[PCI-E Card Edge,164P,Vertical,DIP,SLIM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2041612-7_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2041612-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2041612-7_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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English

[Product Compliance](#)

English