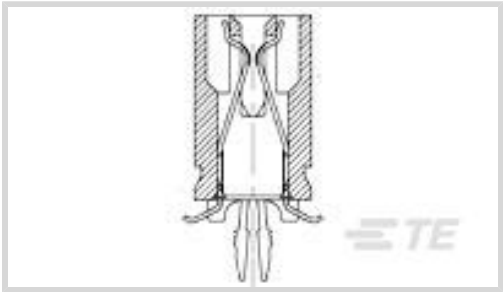




Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



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

Number of Positions: **184**

Centerline (Pitch): **1.27 mm [.05 in]**

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

PCB Mount Orientation: **Vertical**

Features

Electrical Characteristics

Operating Voltage	203 VAC
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Termination Features

Termination Method to PCB	Surface Mount
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Industry Standards

Bus Type	PCI
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Mechanical Attachment

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

Packaging Features

Packaging Method	Box & Carton
Packaging Quantity	32

Dimensions

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

Body Features

PCB Retention Feature Material	Brass
PCB Retention Feature Plating Material	Tin



Product Weight	15.903 g
Primary Product Color	Natural

Contact Features

Contact Current Rating (Max)	1.1 A
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
	30 µin

Housing Features

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

Configuration Features

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

Product Type Features

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

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



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



TE Part # 1761842-1
CONNECTOR ASSY, 60 DUAL POSITI

Customers Also Bought



TE Part #5499374-2
A/L UNIV HDR 14P VERT SHT LAT



TE Part #3-647079-2
02P MTA100 HDR FLRAFB 15AU LF



TE Part #640387-8
08P MTA156 HDR ASSY SQ R/A R/B



TE Part #5-102617-3
10 MODII HDR DRRA SHRD LF



TE Part #1676446-2
RN 0805 845R 0.1% 10PPM 1KRL

TE Part #2-2176349-6
CRGCQ 2512 1K2 1%

TE Part #5-102617-5
14 MODII HDR DRRA SHRD LF

TE Part #5-102920-2
MOD IV RECP LP LF

TE Part #42710-2
205 FASTON REC 22-18 AWG TPBR

TE Part #103956-3
5X4 MTE RCPT SR LATCH .100CL

Documents

Product Drawings
CONNECTOR ASSEMBLY, DUAL POSIT
English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_5145113-1_O.2d_dxf.zip
English
Customer View Model
ENG_CVM_5145113-1_O.3d_igs.zip
English
Customer View Model
ENG_CVM_5145113-1_O.3d_stp.zip
English

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Product Specifications
Application Specification
English