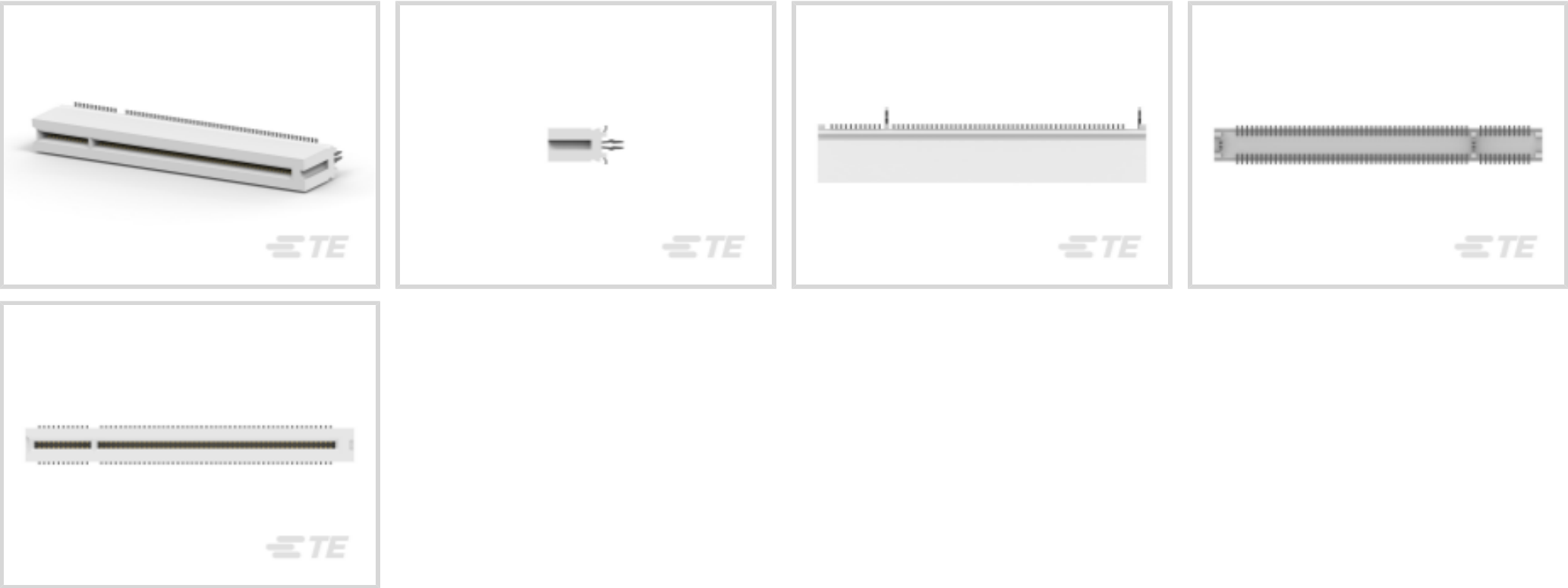




Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



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

Number of Positions: **120**

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	3.44 mm[.135 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	14.353 g
Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm
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	120
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 # 1734774-1
PCI EXP 3.1L 36 POS WHT G/F



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



TE Part # 5-2337939-4
PCIE GEN4 CON,SMT,164POS,30u", MYLAR,HT



TE Part # 5145098-2
CONNECTOR ASSEMBLY, DUAL POSIT

Customers Also Bought



TE Part #5747836-4
09 MSFL RCPT RA 590 (IN,FM,BL)

TE Part #3-641215-7
07P MTA100 HDR ASSY FL/ST 30AU

TE Part #2-5177986-5
0.8FH,P07H.5,120,08/Sn,TR,SC

TE Part #2-644486-9
09P MTA100 SHRDED HDR ASSY SN

TE Part #5104338-3
A/L LOW PRO HDR 16P VERT HT

TE Part #4-794630-2
12P MICRO MNL ASSY,VRT,HDR,LF

TE Part #1-1825059-2
ADF03STTR04=DIP S,FLUSH,SMT-GW

TE Part #1-1879133-5
RN 0603 1K15 0.1% 10PPM 1K RL

TE Part #1-967658-1
8pos MQS .63 header 90deg

TE Part #1742254-2
AMP BARREL TERMINAL 22-28 AWG
TNIPPHBZ

Documents

Product Drawings
CONNECTOR ASSEMBLY, DUAL POSIT
English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_5145098-1_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_5145098-1_O.3d_igs.zip

English

Customer View Model
ENG_CVM_5145098-1_O.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