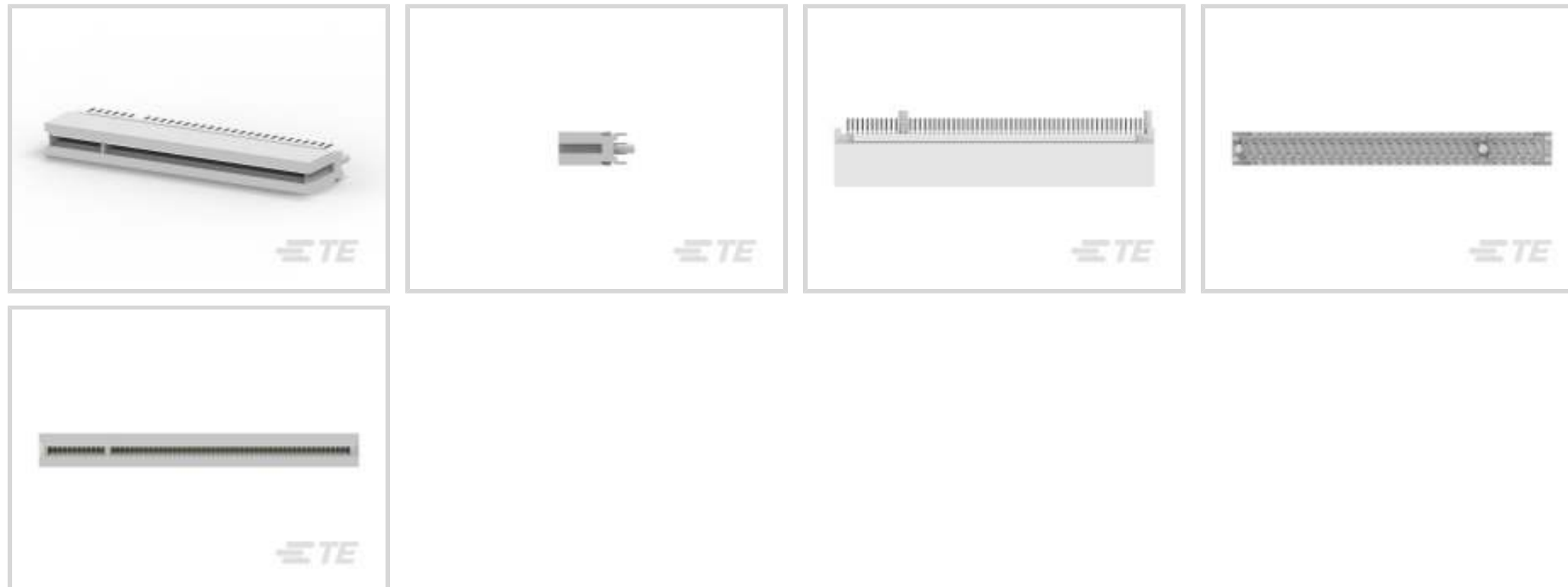




Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



Connector System: **Board-to-Board**
 Number of Positions: **120**
 Centerline (Pitch): **1.27 mm [.05 in]**
 Termination Post & Tail Length: **2.54 mm [.1 in]**
 PCB Mount Orientation: **Vertical**

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	120
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	203 VAC
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Body Features

Product Weight	12.58 g
Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.537 µm
Contact Mating Area Plating Material	Gold Flash



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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.54 mm[.1 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

Connector Length	84.84 mm[3.34 in]
PCB Thickness (Accepted)	1.57 mm[.062 in]
Connector Height	13.97 mm[.55 in]
Connector Width	8.8 mm[.346 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Bus Type	PCI
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Packaging Features

Packaging Quantity	35
Packaging Method	Box & Carton

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
















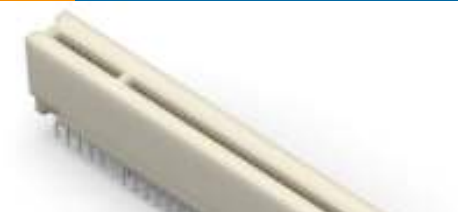


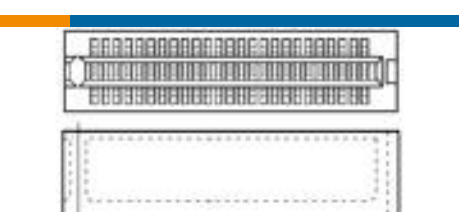
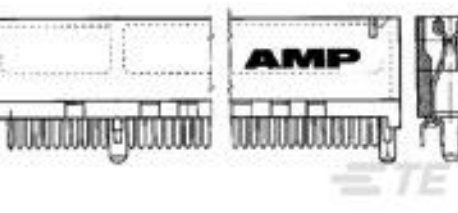
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer







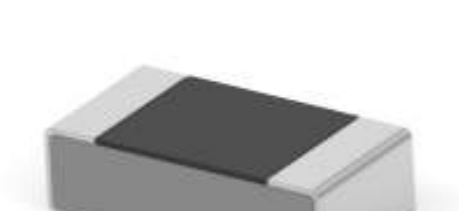

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 5145167-8 STANDARD EDGE .050 SERIES 60 DUAL ASSY</p>	 <p>TE Part # 5145167-4 STANDARD EDGE .050 SERIES 60 DUAL ASSY</p>	 <p>TE Part # 5650090-7 STANDARD EDGE .050 SERIES 23 DUAL ASSY</p>	 <p>TE Part # 5650090-3 STANDARD EDGE .050 SERIES 40 DUAL ASSY</p>
 <p>TE Part # 1761842-1 CONNECTOR ASSY, 60 DUAL POSITI</p>	 <p>TE Part # 5650712-1 STANDARD EDGE .050 SERIES 15 DUAL ASSY</p>	 <p>TE Part # 1-5145165-2 CONNECTOR ASSEMBLY, DUAL POSITIONS, .050</p>	 <p>TE Part # 5145165-4 STANDARD EDGE .050 SERIES 92 DUAL ASSY</p>

 <p>TE Part # 1-5145154-2 CONNECTOR, 60 DUAL POSITION, .</p>	 <p>TE Part # 5145154-8 STANDARD EDGE .050 SERIES 60 DUAL ASSY</p>	 <p>TE Part # 5145154-4 STANDARD EDGE .050 SERIES 60 DUAL ASSY</p>	 <p>TE Part # 5650090-1 STANDARD EDGE .050 SERIES 56 DUAL ASSY</p>
 <p>TE Part # 1-5145168-2 STANDARD EDGE .050 SERIES 92 DUAL ASSY</p>	 <p>TE Part # 1-5145166-2 STANDARD EDGE .050 SERIES 92 DUAL ASSY</p>	 <p>TE Part # 5650092-1 STANDARD EDGE .050 SERIES 91 DUAL ASSY</p>	 <p>TE Part # 1-5145167-2 STANDARD EDGE .050 SERIES 60 DUAL ASSY</p>
 <p>TE Part # 1-5145169-2 CONNECTOR ASSEMBLY, DUAL POSIT</p>	 <p>TE Part # 5-2337939-4 PCIe GEN4 CON,SMT,164POS,30u", MYLAR,HT</p>	 <p>TE Part # 5650719-2 STANDARD EDGE .050 SERIES 25 DUAL ASSY</p>	 <p>TE Part # 5650092-2 STANDARD EDGE .050 SERIES 91 DUAL ASSY</p>

Customers Also Bought

 <p>TE Part #5787834-1 STD USB TYPE B, VERTICAL, T/H</p>	 <p>TE Part #1487599-1 USB, A-BLUNT,28/28,BLK,0.83M</p>	 <p>TE Part #1734035-1 MINI USB, TYPE B, R/A, SMT</p>	 <p>TE Part #1623929-2 CFR200 5% 100R</p>
 <p>TE Part #3-5175473-8 CHAMP 050 B/B PLUG V W/LG 68P</p>	 <p>TE Part #2160253004 55A0111-26-6</p>	 <p>TE Part #5-1879417-8 CPF0603 475K 0.1% 25PPM 1K RL</p>	 <p>TE Part #2-2176368-9 RQ 0603 97K6 0.1% 10PPM 1K RL</p>

Documents



Product Drawings

[CONNECTOR, 60 DUAL POSITION, .](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5145154-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5145154-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5145154-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English