

5145113-1  ACTIVE

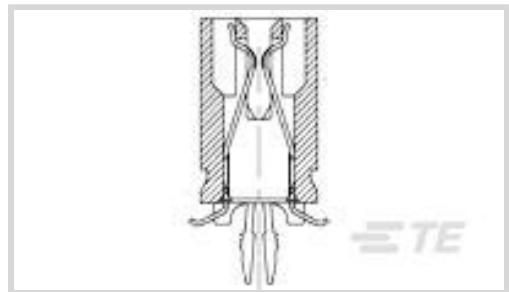
TE Internal #: 5145113-1

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

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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 μ m]**

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
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PCB Mount Retention Type	Hold-Down Post
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Packaging Features

Packaging Method	Box & Carton
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Packaging Quantity	32
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Dimensions

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

PCB Retention Feature Material	Brass
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PCB Retention Feature Plating Material	Tin
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Product Weight	15.903 g
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Primary Product Color	Natural
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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 μ in

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



Customers Also Bought



TE Part #1676446-2
RN 0805 845R 0.1% 10PPM 1KRLTE Part #2-2176349-6
CRGCQ 2512 1K2 1%TE Part #5-102617-5
14 MODII HDR DRRA SHRD LFTE Part #5-102920-2
MOD IV RECP LP LFTE Part #42710-2
205 FASTON REC 22-18 AWG TPBRTE 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_jgs.zip](#)

English

Customer View Model

[ENG_CVM_5145113-1_O.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English