



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



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

Number of Positions: **64**

PCI Generation: **2 & 3**

Centerline (Pitch): **1 mm [.039 in]**

Termination Post & Tail Length: **3.93 mm [.16 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	64
PCB Mount Orientation	Straddle Mount
Ejector	Without

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

Product Weight	4 g [.141 oz]
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μ m
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
	15 μ in
Contact Current Rating (Max)	1.1 A

Termination Features



Termination Method to Printed Circuit Board	Surface Mount
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Termination Post & Tail Length	3.93 mm[.16 in]
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Mechanical Attachment

PCB Mount Retention Type	Kinked
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	PA 9T GF
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Centerline (Pitch)	1 mm[.039 in]
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Housing Color	Black
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Dimensions

Connector Length	39 mm[1.535 in]
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PCB Thickness (Accepted)	1.57 mm[.062 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	10 mm[.394 in]
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Connector Width	8.8 mm[.346 in]
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Usage Conditions

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

Assembly Process Feature	Pick and Place Cover
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Circuit Application	Signal
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Industry Standards

Bus Type	PCI Express
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PCI Generation	2 & 3
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Packaging Features

Packaging Quantity	60
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Packaging Method	Box & Tray, Tray
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Reflow solder capable to 260°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

Customers Also Bought



TE Part #292174-3
CT BOX HDR V SMT 3P O/TAPE NAT



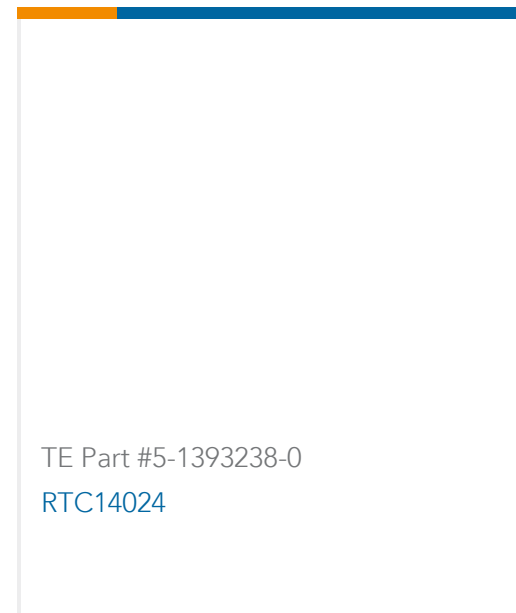
TE Part #5569450-1
STK MJ,8P,2X1,UNSHLD,CAT5



TE Part #1-1879138-2
RN 0603 2K05 0.1% 10PPM 5K RL



TE Part #103908-5
06 MTE HDR SRST LATCH W/HLDWN



Documents

Product Drawings

[PCI EXP STRADDLE 64P BLK 15u"](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6-1734857-4_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-1734857-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1734857-4_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[4-1773442-7 Card Edge Connector for PCI Express Applications](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English