2-1761465-3 - ACTIVE

TE Internal #: 2-1761465-3 PCI & PCI Express Connectors, Board-to-Board, 98 Position, .039 in [1 mm] Centerline, Right Angle, Black, Height .37 in [9.4 mm] View on TE.com >



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

Connector System: Board-to-Board

Number of Positions: 98

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

Termination Post & Tail Length: 2.3 mm [.091 in]

Contact Mating Area Plating Material Thickness: [15 µin]

Features

Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of PCB Mount Retention Features	2
Number of Positions	98

PCB Mount Orientation	Right Angle
Ejector	Without
Electrical Characteristics	
Operating Voltage	50 VAC
Body Features	
Product Weight	21.302 g
Primary Product Color	Black
Contact Features	
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
	15 µin
Contact Current Rating (Max)	1.1 A
Termination Features	

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Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.3 mm[.091 in]
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	High Temperature Nylon
Centerline (Pitch)	1 mm[.039 in]
Dimensions	
PCB Thickness (Accepted)	1.57 mm[.062 in]
Connector Height	9.4 mm[.37 in]
Connector Width	19.6 mm[.772 in]
Usage Conditions	
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Bus Type	PCI Express
Packaging Features	
Packaging Quantity	50
Packaging Method	Box & Tray
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 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.

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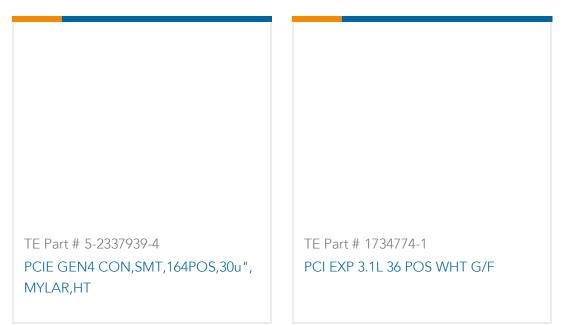
Solder Process Capability

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



Customers Also Bought

TE Part #T4130012031-000 M12,REAR MOUNT,MALE,A,3P, SOLDER WIRE TE Part #3-5353652-6 .5FHP08H,440,B,GIG,08/Sn,HT,NSYes TE Part #5-1618388-8 LEV200A6NAA=RELAY, SPST-NO TE Part #4-2337939-7 PCIE GEN4 CON,SMT,98POS,15u", MYLAR,HT

TE Part #59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

Documents

Product Drawings

PCI Express RA assy 5.8mm slot 2.3mm pc

2-1761465-3

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English **CAD** Files 3D PDF 3D **Customer View Model** ENG_CVM_CVM_2-1761465-3_C.2d_dxf.zip English **Customer View Model** ENG_CVM_CVM_2-1761465-3_C.3d_igs.zip English **Customer View Model** ENG_CVM_CVM_2-1761465-3_C.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