# 5-1761465-2 V ACTIVE

#### **CGS THS**

TE Internal #: 5-1761465-2

PCI & PCI Express Connectors, Board-to-Board, 64 Position, .039 in [1 mm] Centerline, Right Angle, Black, Height .37 in [9.4 mm], CGS

THS

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



Connector System: Board-to-Board

Number of Positions: 64

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

Termination Post & Tail Length: 3.56 mm [ .14 in ]

Contact Mating Area Plating Material Thickness: [15 µin]

PCB Contact Termination Area Plating Material

Contact Base Material

### **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	64
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

Tin

Phosphor Bronze



	15 μin		
Contact Current Rating (Max)	1.1 A		
Termination Features			
Termination Method to Printed Circuit Board	Through Hole - Solder		
Termination Post & Tail Length	3.56 mm[.14 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	500		
Packaging Method	Box & Tray, Package		

# **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: JAN 2023 (233)



$D_{\alpha\alpha\alpha}$	not	contain	REACH	$CV/\Box C$
Does	not	contain	KFA(.H	SVHU

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

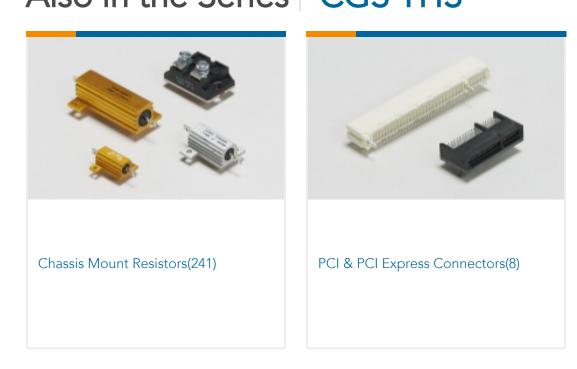
#### Product Compliance Disclaimer

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



# Also in the Series | CGS THS



# Customers Also Bought





















#### **Documents**

## **Product Drawings**

pci expres ra assy 5.8mm thu hole 3.56mm

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_5-1761465-2\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1761465-2\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5-1761465-2\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

PCI & PCI Express Connectors, Board-to-Board, 64 Position, .039 in [1 mm] Centerline, Right Angle, Black, Height .37 in [9.4 mm], CGS THS



# 4-1773442-7 Card Edge Connector for PCI Express Applications

English

**Product Specifications** 

**Product Specification** 

English